

soundolier, inc.

manufacturers of
**commercial
sound
accessories**

condensed catalog no. 106B

1978

**9380 WATSON INDUSTRIAL PARK / ST. LOUIS, MISSOURI 63126
CALL COLLECT (AC 314) 962-9870**

soundolier

COMMERCIAL SOUND ACCESSORIES CATALOG

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Soundolier is the industry leader in the fabrication of products to satisfy the special needs of our customers. Call us COLLECT when you have a special requirement.

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9380 WATSON INDUSTRIAL PARK / ST. LOUIS, MO. 63126 / AC 314 962-9870 / TWX 910-761-1650

4+ SPEAKER/BAFFLE SYSTEM

X44 SUSPENDED/SURFACE



X46/X47 SIDE MOUNT



X45 BI-DIRECTIONAL



Soundolier's 4+ cylindrical baffle series represents an innovative approach to high quality workmanship and design. The range of shapes and colors assures you of a baffle suited to your needs. Each unit is manufactured of aluminum, finished in one of four available colors, with contrasting matte black canopies and regressed grilles. Four models are available. They include the X44, which can be either surface

mounted or suspended (with optional suspension hanger, series 435), the X45, a bi-directional unit with cast aluminum base, the X46, a side mount version with cast aluminum mounting base and the X47 which is side mounted with an adjustable swivel. Dimensions: X44, X46, X47 6" Diameter × 9 3/4" Deep, X45 6" Diameter × 6" Deep. Recommended Speaker: **FC104**.

Suffix the model number with one of the following colors:

-A: Satin aluminum and black

-G: Bronze green and black

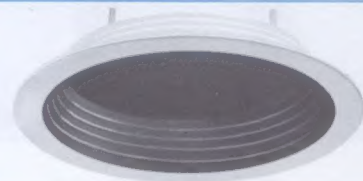
-B: Dura bronze and black

-W: Satin white and black

T730-4 RECESSED BAFFLE

Mounts to:
Enclosure E49
Plaster Ring PR412
Recommended
Speaker: FC104

This two-tone, recessed, ceiling baffle has been designed to simulate recessed lighting fixtures. In addition, a clean over-all appearance is assured by using torsion spring mounting. It is available with either a matte black or charcoal grey regressed interior with polar white trim. Material: Cold rolled steel. **T730-4B**: Satin black and white. **T730-4G**: Charcoal grey and white. Dimensions: 7 3/8" Diameter × 1 1/8" Deep.



T720-4 WHITE CEILING BAFFLE

Mounts to:
Enclosure E410
Plaster Ring PR411
Recommended
Speaker: FC104

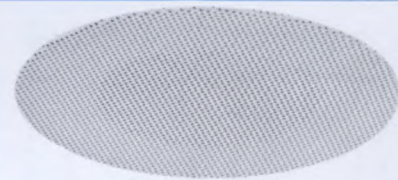
An all-white contour ceiling baffle. It is designed to coordinate with lighting fixture trims. Mounting is accomplished with torsion springs. Material: Cold rolled steel. Dimensions: 7 3/8" Diameter × 1/2" Deep.



T710-4 TOTALLY PERFORATED BAFFLE

Mounts to:
Enclosure E410
Plaster Ring PR411
Recommended
Speaker: FC104

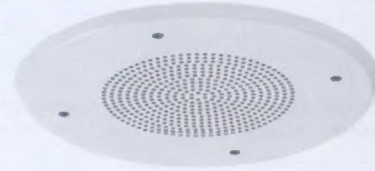
This totally perforated white baked enamel baffle is ideal for installation in blown acoustically treated ceilings. Simple, clean lines, together with torsion spring mounting make it an inconspicuous baffle. Material: Cold rolled steel. Dimensions: 7 3/8" Diameter.



51-4 TRIM RING BAFFLE

Mounts to:
Enclosure 96-4,
96-4X
Plaster Ring 76-4
Recommended
Speaker: FC104

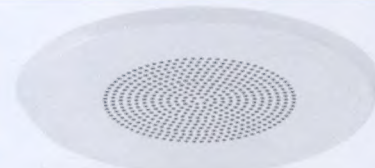
An economical one-piece steel trim ring baffle. Attractive hard baked white enamel finish with speaker mounting studs. Material: Cold rolled steel. Dimensions: 7 3/8" Diameter × 1/4" Deep.



T51-4 RECESSED TORSION MOUNT BAFFLE

Mounts to:
Enclosure E410
Plaster Ring PR411
Recommended
Speaker: FC104

The good looks of baked white enamel on a basic functional baffle. A trim appearance is assured by torsion spring mounting with no visible mounting screws. Material: Cold rolled steel. Dimensions: 7 3/8" Diameter × 1/4" Deep.



60-4 ALUMINUM TRIM RING BAFFLE

Mounts to:
Enclosure 96-4,
96-4X
Plaster Ring 76-4
Recommended
Speaker: FC104

This is a sturdy one-piece satin brushed aluminum baffle. Its basic, simple lines complement contemporary architectural decor. Material: Aluminum. Dimensions: 7 3/8" Diameter × 1/4" Deep.



T60-4 RECESSED TORSION MOUNT BAFFLE

Mounts to:
Enclosure E410
Plaster Ring PR411
Recommended
Speaker: FC104

A smart one-piece torsion spring mounted baffle. The good looks and compact size can solve a great deal of design problems. Available in satin aluminum. Material: Aluminum. Dimensions: 7 3/8" Diameter × 1/4" Deep.





SPEAKER / BAFFLE SYSTEM

510-4 BI-DIRECTIONAL BAFFLE



510-4 A truly unique bi-directional baffle, with individualistic shape, compact size and appealing satin brushed aluminum finish. Sturdy construction make it a highly desirable unit for a variety of applications including institutional corridors. Material: Aluminum. Dimensions: 5 $\frac{3}{4}$ " Diameter \times 4 $\frac{1}{4}$ " Deep.

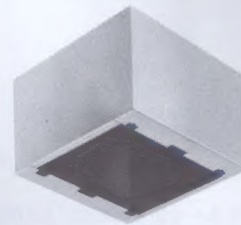
SE198-4 A graceful surface mounted square white baked enamel enclosure designed to fit a wide range of commercial and industrial applications. Includes heavy undercoating and special rust preventative coating for long life. Material: Cold rolled steel. Mounts to: 161-4. Dimensions: 7 $\frac{1}{8}$ " square \times 4 $\frac{3}{8}$ " Deep.

410-4 A satin brushed aluminum compact baffle that can be either wall or ceiling mounted. (Mounts to a 4" outlet box by means of keyhole slots in the rear of the housing.) Also available in satin bronze or brass finish. Material: Aluminum. Dimensions: 5 $\frac{3}{4}$ " Diameter \times 4 $\frac{1}{2}$ " Deep.

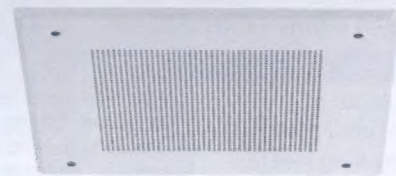
161-4 Baked matte white steel trim square that facilitates a wide range of applications. Features include one-piece construction, mounting studs and "no leak" gasket. Material: Cold rolled steel. Mounts to: SE198-4 for surface installations, or 198-4 for recessed installations. Dimensions: 7" square \times $\frac{5}{32}$ " Deep.

Recommended Speaker for above baffles:
FC104.

SE 198-4 SURFACE ENCLOSURE

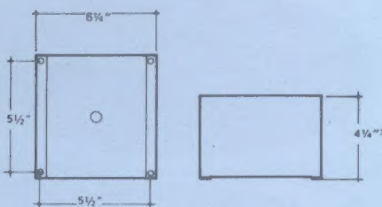


161-4 BAFFLE TRIM RING

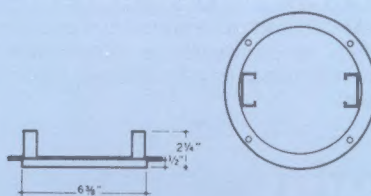


ENCLOSURES, PLASTER RINGS, SUSPENSION HANGERS

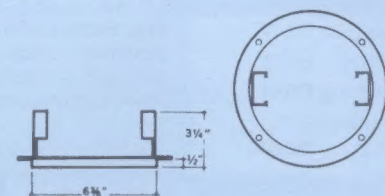
198-4
Square recessed enclosure. Heavy undercoat. Mounts: 161-4.



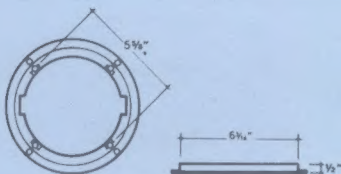
PR 411
Plaster ring for torsion spring mounted baffles. Mounts: T720-4, T710-4, T51-4, T60-4.



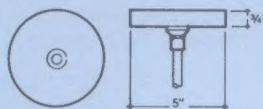
PR 412
Plaster ring for regressed baffles. Mounts: T730-4.



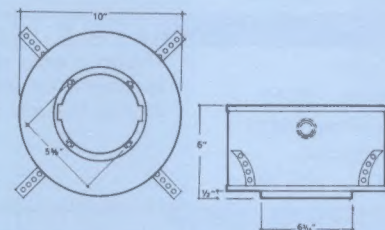
76-4
Circular plaster rings. Specially designed for screw mounted grille. Mounts: 51-4, 60-4.



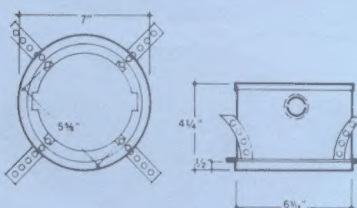
435
Suspension hanger, 1/2" steel tubing, includes all necessary hardware. Available in multiples of 1 ft. Mounts: X44.



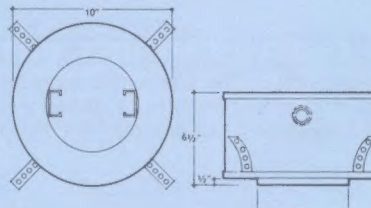
96-4X
1/4 cubic foot recessed enclosure for quality sound. Heavy undercoating and patched jute lined. Mounts: 51-4, 60-4.



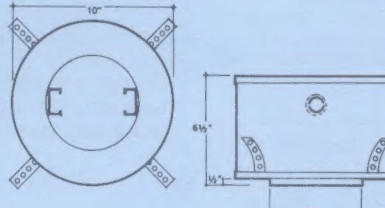
96-4
Compact recessed enclosure for screw mounting-type grille. Unique plaster flange. Undercoated and lined. Mounts to 51-4, 60-4.



E 49
Recessed 1/4 cubic foot enclosure for torsion spring mounting of T730-4.

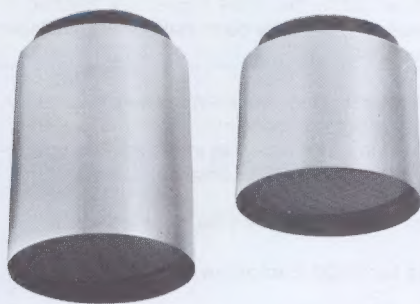


E 410
Recessed enclosure, 1/4 cubic foot for torsion spring mounting of T720-4, T710-4, T51-4, T60-4.

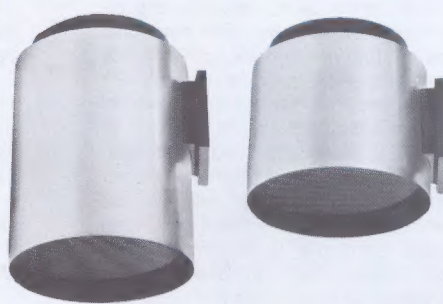


LOUDSPEAKER BAFFLES

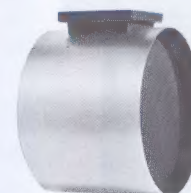
X84 SUSPENDED/SURFACE



X86 SIDE MOUNT



X8500 BI-DIRECTIONAL



Soundolier's deluxe cylindrical baffles for 8" loudspeakers is another engineering achievement in quality workmanship and design. Each unit is manufactured of aluminum, finished in one of four available colors, with contrasting matte black canopies and regressed grilles. All models are 10" diameter. The X84 series can be either surface mounted or suspended (with optional suspension hanger, series 435). Model X8414

is 14" tall while model X8409 is 9" tall. The X86 series is side mounted with a cast aluminum mounting base finished in matte black. The X8614 is 14" tall while the X8609 is 9" tall. Model X8500 is a bi-directional version with a cast aluminum mounting base finished in matte black. Model X8500 is 8" deep x 11" projection.

Suffix model numbers with these available color combination choices:

-A: Satin aluminum and black

-B: Dura bronze and black

-G: Bronze green and black

-W: Satin white and black

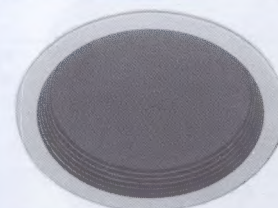
T730-8 RECESSED BAFFLE

Mounts to:

Enclosure T195-8

Plaster Ring T175-8

The **T730-8** is a superbly designed grille featuring a two-tone finish-matte white outer trim with contrasting charcoal grey or black finish on the inner regressed steps. This outstanding grille is completely welded thus eliminating vibration and rattle. Torsion springs are supplied for mounting to either a recessed enclosure or mounting ring, thus eliminating unsightly mounting holes. Will accommodate any 8" speaker. T730-8B: Satin black and white. T730-8G: Charcoal grey and white. Dimensions: 11" Diameter x 1 5/16" Deep x 1/8" Projection.



T720-8 WHITE CEILING BAFFLE

Mounts to:

Enclosure T95-8

Plaster Ring T75-8,
T75-8E1,
T75-8E2

The **T720-8** is an attractive recessed grille designed for use with any standard 8" speaker. The modern contour design plus the use of torsion springs, which eliminates all visible hardware, makes this grille ideal for the progressive sound specialist. The grille is completely welded thus eliminating vibration. Finish is baked semi-gloss white enamel. Will mount to either a recessed enclosure or mounting ring. Dimensions: 12" Diameter x 1 1/16" Deep x 1/16" Projection.



T710-8 TOTALLY PERFORATED BAFFLE

Mounts to:

Enclosure T95-8

Plaster Ring T75-8,
T75-8E1,
T75-8E2

The **T710-8** is a torsion spring mounting grille featuring an all-perforated screen design. This attractive grille is constructed of sturdy cold rolled steel with a baked semi-gloss white enamel finish. Speaker mounts to grille by means of welded studs on rear of grille. Will mount to either a recessed enclosure or mounting ring. Will accommodate any standard 8" speaker. Dimensions: 12 7/8" Diameter x 3/8" Deep x 3/8" Projection.



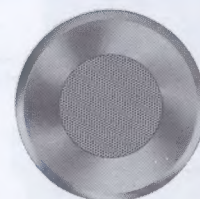
T610-8 RECESSED TORSION MOUNT BAFFLE

Mounts to:

Enclosure T95-8

Plaster Ring T75-8,
T75-8E1,
T75-8E2

MODEL T610-8 is an attractive torsion spring mounting baffle available in either a satin brushed steel finish with a clear baked coating or a baked semi-gloss white enamel (T610-8W). Construction is CRS and features hidden speaker mounting studs for a cleaner appearance. Accommodates any standard 8" speaker. Dimensions: 12 7/8" Diameter x 5/16" Deep x 5/16" Projection.



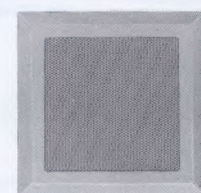
T620-8 RECESSED TORSION MOUNT TRIM SQUARE

Mounts to:

Enclosure T198-8,
SE175-4

Plaster Ring T72-8,
T72-8E1,
T72-8E2

MODEL T620-8 is a handsome two piece trim square featuring a separate mounting plate to avoid bass leaks. The speaker mounts on weld studs to facilitate mounting. All CRS construction and finished in a hard baked semi-gloss white enamel. Dimensions: 11 5/8" Sq. x 5/16" Deep x 5/16" Projection.



CLASSROOM CLOCK-SPEAKER



CLASSROOM NERVE CENTER—CLOCK/SPEAKER/CONTROL PANEL

MODEL NC850 is a combination clock panel, loud-speaker baffle and control panel uniquely and attractively assembled on one frame. This functional unit has provisions to mount any clock (specify clock model) up to twelve inches. In addition, there are provisions for mounting an 8" speaker in the center and a bottom panel which will mount a choice of toggle light switches, thermostat and a "call-in" switch. A continuous piano hinge permits easy access for servicing. A lock in the center panel restricts the internal components to authorized personnel only. All exposed hardware is eliminated. The speaker mounts to a hidden sub-plate and the toggle switches are mounted on weld studs from the rear.

The entire assembly is sturdy and rattle proof. The frame is made of 20 gauge CRS. The speaker panel is 22 gauge perforated steel with 1/16" holes on

3/32" staggered centers. The frame is finished in dark brown while the three panels are finished in light beige. Special color combinations are available upon request.

In order to permit the user the maximum in flexibility, a number of combinations of holes on the lower control panel may be ordered as standard. See specification sheet for complete details.

Dimensions: 33 1/4" high x 17 3/4" wide x 1" deep.

Mounts to: E850 Enclosure

RECESSED CLOCK-SPEAKER WALL BAFFLE

The **820 SERIES** is a combination clock and speaker baffle with a unique polystyrene louver and an offset panel for better sound coverage and light reflection on the clock. A double action spring system and hinge avoids the use of tools in servicing. The panel finish is semi-gloss white enamel. Model 820-89 mounts 9" and 10" clocks while model 820-812 mounts 12" clocks. Specify clock model number when ordering. Both models have mounting provisions for standard 8" speakers.

MODEL	DIMENSIONS	MOUNTS TO
820-89	26 3/4" x 14 1/4"	192-89
820-812	34" x 18"	192-812

ECONOMICAL CLOCK-SPEAKER WALL BAFFLE

The **830 SERIES** is a combination clock and speaker baffle with a double action spring system for easy installation and servicing. The panel finish is semi-gloss white enamel. Model 830-89 mounts 9" and 10" clocks while model 830-812 mounts 12" clocks. Specify clock model when ordering. Both models have mounting provisions for standard 8" speakers. 830 series may be surface mounted by using the SM194-89 or SM194-812 enclosures.

MODEL	DIMENSIONS	MOUNTS TO
830-89	26 1/2" x 14"	194-89, SM194-89
830-812	33 3/8" x 17 1/8"	194-812, SM194-812

RECESSED CLOCK-SPEAKER WALL BAFFLE

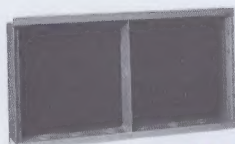
The **840 SERIES** is a combination clock and speaker baffle with an attractive perforated front and sub-plate for proper acoustical design. The front panel is finished in semi-gloss white enamel. Model 840-89 mounts 9" and 10" clocks while model 840-812 mounts 12" clocks. Specify clock model when ordering. Both models have mounting provisions for standard 8" speakers. 840 series may be surface mounted by using the SM195-89 or SM195-812 enclosures.

MODEL	DIMENSIONS	MOUNTS TO
840-89	26 1/2" x 13 1/8"	195-89, SM195-89
840-812	33 1/8" x 18 1/8"	195-812, SM195-812

CLOCK-SPEAKER BAFFLE ENCLOSURES

The 192, 194, 195 and E850 series enclosures are made of heavy CRS with a rust preventative coating. All models are heavily undercoated to prevent metallic resonance. Ample knockouts are furnished on all sides for easy wiring. The surface mount models are finished in a hard baked semi-gloss white enamel to match the clock-speaker baffle panel.

MODEL	TYPE	DIMENSIONS	MOUNTS
192-89	RECESSED	26 1/8" W x 12 1/8" H x 3" D	820-89
192-812	RECESSED	33 1/2" W x 16" H x 3" D	820-812
194-89	RECESSED	24 1/2" W x 12 1/8" H x 3" D	830-89
SM194-89	SURFACE	26 5/8" W x 14 1/8" H x 3" D	830-89
194-812	RECESSED	31 5/8" W x 15 5/8" H x 3" D	830-812
SM194-812	SURFACE	34" W x 18" H x 3" D	830-812
195-89	RECESSED	23 7/8" W x 11 7/8" H x 3" D	840-89
SM195-89	SURFACE	26 7/8" W x 13 1/8" H x 3" D	840-89
195-812	RECESSED	31 1/4" W x 16" H x 3" D	840-812
SM195-812	SURFACE	34 1/8" W x 18 1/8" H x 3" D	840-812
E850	RECESSED	15 1/2" W x 31" H x 3" D	NC850



192 SERIES



194 SERIES



195 SERIES

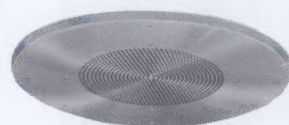


E850

MODEL NO.	SPEAKER SIZE	DIAMETER	PROJECTS FROM CEILING	ENCLOSURE	PLASTER RING
51-8	8"	12¾"	1/4"	95-8, 96-8, 199-8, Q408	75-8, 76-8, P77-8, P78-8, 75-8E1, 75-8E2, 76-8E1, 76-8E2, 81-8
T51-8	8"	12¾"	1/4"	T95-8, T96-8	T75-8, T76-8, T75-8E1, T75-8E2, T76-8E1, T76-8E2

RECESSED STEEL TRIM RING BAFFLES

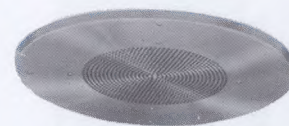
51-8. The 51-8 is an economical one piece steel trim ring baffle. Available in either standard screw mounting or the labor saving torsion spring version (T51-8). Finished in a hard baked semi-gloss white enamel.



MODEL NO.	SPEAKER SIZE	DIAMETER	PROJECTS FROM CEILING	ENCLOSURE	PLASTER RING
60-8 60-8W	8"	12¾"	1/4"	95-8, 96-8, 199-8, Q408	75-8, 76-8, P77-8, P78-8, 75-8E1, 75-8E2, 76-8E1, 76-8E2, 81-8
T60-8 T60-8W	8"	12¾"	1/4"	T95-8, T96-8	T75-8, T76-8, T75-8E1, T75-8E2, T76-8E1, T76-8E2
60-12 60-12W	12"	17¼"	1/4"	95-12, 95-12	75-12, 75-12

RECESSED ALUMINUM TRIM RING BAFFLE

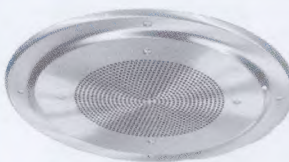
60 SERIES. The 60 series aluminum trim ring baffles are available in a beautiful satin finish or semi-gloss white enamel. Torsion spring models, where available, are shown with a T prefix. The 8" speaker versions are one piece construction while the 12" speaker version is two piece construction.



MODEL NO.	SPEAKER SIZE	DIAMETER	PROJECTS FROM CEILING	ENCLOSURE	PLASTER RING
M222 M222W	8"	12¾"	7/16"	95-8, 96-8, 199-8, Q408	75-8, 76-8, P77-8, P78-8, 75-8E1, 75-8E2, 76-8E1, 76-8E2, 81-8
TM222 TM222W	8"	12¾"	7/16"	T95-8, T96-8	T75-8, T76-8, T75-8E1, T75-8E2, T76-8E1, T76-8E2

RECESSED ALUMINUM TRIM RING BAFFLE

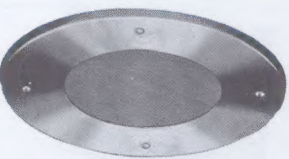
M222. The M222 is a handsome one piece aluminum trim ring baffle available in either a satin aluminum finish or a semi-gloss white enamel. Popular contoured design. Torsion spring models are shown with a "T" prefix.



MODEL NO.	SPEAKER SIZE	DIAMETER	PROJECTS FROM CEILING	ENCLOSURE	PLASTER RING
61-8 61-8W	8"	12¾"	1/4"	95-8, 96-8, 199-8, Q408	75-8, 76-8, P77-8, P78-8, 75-8E1, 75-8E2, 76-8E1, 76-8E2, 81-8
T61-8 T61-8W	8"	12¾"	1/4"	T95-8, T96-8	T75-8, T76-8, T75-8E1, T75-8E2, T76-8E1, T76-8E2
61-12 61-12W	12"	17¼"	1/4"	95-12, 95-12	75-12, 75-12

RECESSED STEEL TRIM RING BAFFLE

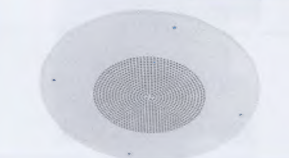
61 SERIES. The 61 series trim ring baffles are two piece construction featuring hidden speaker mount studs. Available in either satin brushed steel with a hard baked acrylic coating or in semi-gloss white enamel. Torsion spring models, where available, are shown with a T prefix.



MODEL NO.	SPEAKER SIZE	DIAMETER	PROJECTS FROM CEILING	ENCLOSURE	PLASTER RING
62-8	8"	12¾"	1/4"	95-8, 96-8, 199-8, Q408	75-8, 76-8, P77-8, P78-8, 75-8E1, 75-8E2, 76-8E1, 76-8E2, 81-8

RECESSED STEEL TRIM RING BAFFLE

62-8. This one piece trim ring baffle features hidden speaker mounting studs. Finish is a hard baked semi-gloss white enamel.



MODEL NO.	SPEAKER SIZE	DIAMETER	PROJECTS FROM CEILING	ENCLOSURE	PLASTER RING
66-8 66-8W	8"	15¼"	3/8"	95-10, 95-10	75-10, 75-10
66-12 66-12W	12"	17¼"	3/8"	95-12, 95-12	75-12, 75-12

LOUVERED RECESSED CEILING BAFFLE

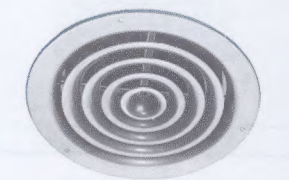
66 SERIES. This ceiling baffle series closely resembles air diffusers. Finished in two tone satin steel and metallic aluminum paint. Available also in an all white semi-gloss enamel (W).



MODEL NO.	SPEAKER SIZE	DIAMETER	PROJECTS FROM CEILING	ENCLOSURE	PLASTER RING
67-8 67-8W	8"	12¾"	1/4"	95-8, 96-8, Q408	75-8, 76-8, P77-8, P78-8, 75-8E1, 75-8E2, 76-8E1, 76-8E2, 81-8
T67-8 T67-8W	8"	12¾"	1/4"	T195-8, T195-8	T175-8, T175-8

ECONOMY LOUVERED RECESSED CEILING BAFFLE

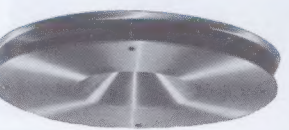
67-8. The 67-8 is an economical louvered ceiling baffle available in a baked metallic aluminum paint or semi-gloss white enamel. Torsion spring models are shown with a T prefix. Note that the T67-8 mounts to the T195-8 enclosure and T175-8 plaster ring. (Caution — some speakers used with the 67-8 may require a deeper enclosure.)



MODEL NO.	SPEAKER SIZE	DIAMETER	PROJECTS FROM CEILING	ENCLOSURE	PLASTER RING
68-8, 68-8W	8"	12¾"	1½"	95-8, 96-8, 199-8, Q408	75-8, 76-8, P77-8, P78-8, 75-8E1, 75-8E2, 76-8E1, 76-8E2, 81-8

LOW CEILING RECESSED BAFFLE

68-8. This ceiling baffle has a diffuser designed to eliminate high frequency beaming in low ceiling installations. Available in a satin aluminum finish or baked semi-gloss white enamel.



MODEL NO.	SPEAKER SIZE	DIMENSION	PROJECTS FROM CEILING	ENCLOSURE	PLASTER RING
F64-8	8"	12¼" ROUND	7/16"	95-8, 96-8, 199-8, Q408	75-8, 76-8, P77-8, 75-8E1, 76-8E1, P78-8, 75-8E2, 76-8E2, 81-8
F171-8	8"	12" SQUARE	7/16"	198-8	72-8, 72-8E1, 72-8E2

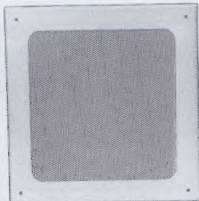
RECESSED ACOUSTICAL FOAM BAFFLES

F64-8 ROUND. A unique and attractive reticulated polyurethane grille which enhances modern interior designs, with exceptional acoustical properties. Attractive white finish. **F171-8 SQUARE.** Maximum sound energy transmission is achieved through this contemporary style foam grille. No visible hardware for a neat, trim appearance.



F64-8

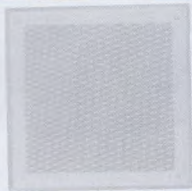
F171-8



STEEL TRIM SQUARE BAFFLE

164 SERIES. The 164 series is an attractive beveled edge steel trim square with a square speaker cutout. A separate speaker mounting plate prevents bass leak. Torsion spring models, where available, are shown with a T prefix. All models are finished in a hard baked semi-gloss white enamel.

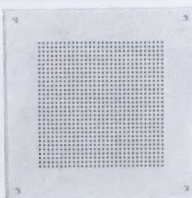
MODEL NO.	SPEAKER SIZE	DIMENSION	PROJECTS	ENCLOSURE	PLASTER RING
164-8	8"	12 5/8" SQUARE	1/2"	191-78, SM191-78, Q418, Q438, Q458	71-8, 71-8E1, 71-8E2
T164-8	8"	12 5/8" SQUARE	1/2"	T191-78	T71-8, T71-8E1, T71-8E2
164-12	12"	15 1/8" SQUARE	1/2"	Q4412, Q4612, Q4712, Q4812	—
164-15	15"	20 1/8" SQ.	1/2"	Q4915	—



STEEL TRIM SQUARE BAFFLE

170-8. The 170-8 trim square has a die formed frame with a shallow beveled edge. The mounting plate has weld studs to facilitate speaker mounting. All steel construction with a hard baked semi-gloss white enamel finish.

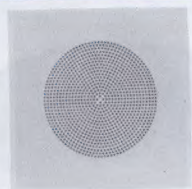
MODEL NO.	SPEAKER SIZE	DIMENSION	PROJECTS	ENCLOSURE	PLASTER RING
170-8	8"	13 3/8" SQUARE	1/4"	95-8, 96-8, 199-8, Q408	75-8, 76-8, P77-8, P78-8, 75-8E1, 75-8E2, 76-8E1, 76-8E2, 81-8



STEEL TRIM SQUARE BAFFLE

161-8. The 161-8 trim square is a handsome one piece unit with hidden weld studs for a cleaner appearance. A "no leak" gasket is provided. Available is standard screw mounting or the labor saving torsion spring version. Finish is a hard baked semi-gloss white enamel.

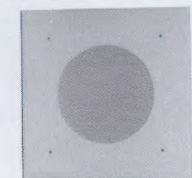
MODEL NO.	SPEAKER SIZE	DIMENSION	PROJECTS	ENCLOSURE	PLASTER RING
161-8	8"	11 1/2" SQUARE	1/4"	198-8, SE175-4	72-8, 72-8E1, 72-8E2
T161-8	8"	11 1/2" SQUARE	1/4"	T198-8	T72-8, T72-8E1, T72-8E2



STEEL TRIM SQUARE BAFFLE

169-8. The 169-8 trim square is an economical one piece unit suitable for wall or ceiling installations. Finished in a hard baked semi-gloss white enamel.

MODEL NO.	SPEAKER SIZE	DIMENSION	PROJECTS	ENCLOSURE	PLASTER RING
169-8	8"	10 1/2" SQUARE	1/16"	193-8	73-8, 73-8E1, 73-8E2



STEEL TRIM SQUARE BAFFLE

63 SERIES. The 63 series is an economical beveled edge two piece steel trim square featuring hidden speaker mounting studs for a cleaner look. The finish is a hard baked semi-gloss white enamel.

MODEL NO.	SPEAKER SIZE	DIMENSION	PROJECTS	ENCLOSURE	PLASTER RING
63-8	8"	12 5/8" SQUARE	3/8"	95-8, 96-8, 199-8	75-8, 75-8E1, 75-8E2, 76-8E1, 76-8E2, 76-8, P77-8, P78-8, 81-8
63-12	12"	15 1/8" SQUARE	3/8"	95-10	75-10



ALUMINUM TRIM SQUARE BAFFLE

165 SERIES. The 165 series is a beautiful satin brushed aluminum trim square with a separate steel speaker screen finished in metallic aluminum paint.

MODEL NO.	SPEAKER SIZE	DIMENSION	PROJECTS	ENCLOSURE	PLASTER RING
165-8	8"	12 1/8" SQUARE	5/16"	95-8, 199-8	75-8, 75-8E1, 75-8E2, P77-8, P78-8
165-12	12"	17" SQUARE	5/16"	95-12	75-12



SQUARE LOUVERED CEILING BAFFLE

18-8. The 18-8 is a square louvered ceiling diffuser baffle featuring a separate speaker mounting plate. Available in baked metallic aluminum paint or semi-gloss white enamel.

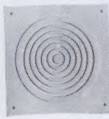
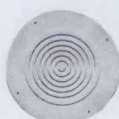
MODEL NO.	SPEAKER SIZE	DIMENSION	PROJECTS	ENCLOSURE	PLASTER RING
18-8	8"	12 1/2" SQUARE	3/16"	191-78, 5" DEEP	71-8, 71-8E1, 71-8E2
18-8W	8"	12 1/2" SQUARE	3/16"	191-78, 5" DEEP	71-8, 71-8E1, 71-8E2



ALL PERFORATED SQUARE GRILLE

19-8. An attractive square, all perforated grille for 8" speakers. Crisp, clean lines blend well with any office decor. Consists of front grille plus a subplate to prevent bass "leaks". Four weld studs on back of subplate for mounting speaker. Heavy gauge CRS construction. Finished in a semi-gloss white baking enamel. Available in a torsion spring version.

MODEL NO.	SPEAKER SIZE	DIMENSION	PROJECTS	ENCLOSURE	PLASTER RING
19-8	8"	12 3/8" SQUARE	1/2"	191-78, SM191-78, Q418, Q438, Q458	71-8, 71-8E1, 71-8E2
T19-8	8"	12 3/8" SQUARE	1/2"	T191-78	T71-8, T71-8E1, T71-8E2



PLASTIC TRIM RINGS AND TRIM SQUARES

P SERIES. The P series baffles are molded in polar white high impact polystyrene plastic. Acoustical louvers provide maximum sound transmission and dispersion. Speaker mounting screws are hidden for a cleaner appearance. Three models are available. See model number chart for details.

MODEL NO.	SPEAKER SIZE	DIMENSION	PROJECTS	ENCLOSURE	PLASTER RING
P900	8"	12 3/4" DIAMETER	3/8"	95-8, 96-8, 199-8, Q408	75-8, 76-8, P77-8, P78-8, 75-8E1, 75-8E2, 76-8E1, 76-8E2, 81-8
P910	8"	10 1/2" SQUARE	3/8"	193-8	73-8, 73-8E1, 73-8E2
P912	8"	12 1/2" SQUARE	3/8"	198-8	72-8, 72-8E1, 72-8E2

SURFACE / SUSPENDED BAFFLES

MODEL NO.	SPEAKER SIZE	DIAMETER	DEEP	PROJECTS
510-8	8"	9 ³ / ₁₆ "	5 ¹ / ₄ "	10"

BI-DIRECTIONAL CORRIDOR BAFFLE

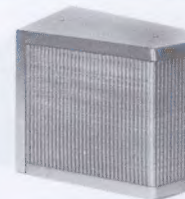
510-8. The 510-8 baffle is designed for corridor mounting where bidirectional radiation is desired. Mounts easily to either wall or ceiling outlet boxes (not furnished). Finish is brushed satin aluminum.



MODEL NO.	SPEAKER SIZE	HIGH	DEEP	PROJECTS
512-8	8"	9 ¹ / ₈ "	6 ³ / ₈ "	10 ³ / ₄ "

BI-DIRECTIONAL CORRIDOR BAFFLE

512-8. The 512-8 baffle is an attractive bidirectional corridor baffle. The inner chamber is designed for maximum front to back path length. The unit has a brushed aluminum finish. Mounts to either wall or ceiling outlet boxes (not furnished).



MODEL NO.	SPEAKER SIZE	WIDE	DEEP	PROJECTS
612-4	4"	7 ¹ / ₈ " SQUARE	4 ³ / ₄ "	8 ³ / ₈ "
612-8	8"	11 ¹ / ₈ " SQUARE	4 ¹ / ₂ "	12 ¹ / ₈ "

SQUARE BI-DIRECTIONAL CORRIDOR BAFFLES

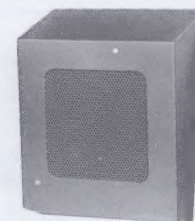
612 SERIES. The 612 series are attractive bi-directional units manufactured of heavy gauge cold rolled steel and are designed to mount to a standard electrical outlet box via Soundolier's unique two piece mounting canopy. Standard finish is white semi-gloss baking enamel with contrasting black mounting canopy.



MODEL NO.	SPEAKER SIZE	WIDE	HIGH	PROJECTS
415-8	8"	10 ¹ / ₂ "	14"	5 ⁵ / ₈ "
415-8W	8"	10 ¹ / ₂ "	14"	5 ⁵ / ₈ "

CONTROLLED DIRECTIONAL WALL BAFFLE

415-8. The 415-8 is a surface wall baffle with separate mounting bracket which eliminates front screw heads. Construction is CRS and is finished in a baked metallic aluminum paint. Also available in a hard baked semi-gloss white enamel. (W).



MODEL NO.	SPEAKER SIZE	DIAMETER	PROJECTS
420-8	8"	12 ³ / ₈ "	6 ¹ / ₈ "

CONTROLLED DIRECTIONAL WALL BAFFLE

420-8. The 420-8 is a satin aluminum controlled directional wall baffle. The attractive shape is achieved through a unique metal spinning operation.



MODEL NO.	SPEAKER SIZE	DIAMETER	HIGH
310-8	8"	14 ¹ / ₈ "	8 ¹ / ₂ "
310-12	12"	18"	11 ³ / ₄ "
312-8	8"	18"	11 ³ / ₄ "

SUSPENSION BAFFLES

310 SERIES. The 310 series suspension baffle is a wide angle unit featuring an acoustical horn radiating the sound energy from the rear of the speaker as well as the front. Complete with a mounting husk for attaching the 335 series hanger (order separately). Standard finish is satin aluminum inner enclosure and semi-gloss white outer enclosure.



MODEL NO.	SPEAKER SIZE	DIAMETER	HIGH
315-8	8"	18"	16 ¹ / ₂ "

SUSPENSION BAFFLE

315-8. The 315-8 is a spherical suspension baffle with a large volume for a smooth bass response. It is suspended with the 335 series hanger (must be ordered separately). Standard finish is satin aluminum.



MODEL NO.	LENGTH*
335-1	1'
335-2	2'
335-3	3'

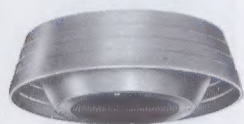
SUSPENSION HANGERS

335 SERIES. The 335 series is a suspension hanger which includes a brushed aluminum canopy, a nickel plated hangstraight swivel, zinc plated 1/2" steel rod and necessary hardware. Mounts direct to an outlet box (not furnished).



*LONGER HANGER LENGTHS AVAILABLE IN EVEN 1' INCREMENTS. CONSULT PRICE LIST.

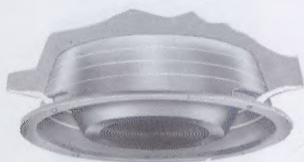
SURFACE / RECESSED BAFFLES



WIDE ANGLE SURFACE BAFFLE

210 SERIES. The 210 series is a wide angle surface baffle featuring an acoustical horn radiating the sound energy from the rear of the speaker as well as the front. Standard finish is baked semi-gloss white enamel outer enclosure and brushed aluminum inner enclosure.

MODEL NO.	SPEAKER SIZE	DIAMETER	PROJECTS	
210-8	8"	14 ³ / ₈ "	4 ¹ / ₂ "	
210-12	12"	18 ³ / ₁₆ "	6 ¹ / ₂ "	
212-8	8"	18 ³ / ₁₆ "	6 ¹ / ₂ "	



WIDE RANGE RECESSED BAFFLE

110 SERIES. The 110 series is a recessed wide angle baffle featuring an acoustical horn radiating the sound energy from the rear of the speaker as well as the front. Includes plaster ring and 4" outlet box. Finish is baked semi-gloss white enamel outer enclosure and satin aluminum inner enclosure.

MODEL NO.	SPEAKER SIZE	DIAMETER	DEPTH	PROJECTS
110-8	8"	16 ¹ / ₄ "	*4 ¹ / ₄ "	5/16"
110-12	12"	20 ¹³ / ₁₆ "	*6 ¹³ / ₁₆ "	5/16"
112-8	8"	20 ¹³ / ₁₆ "	*6 ¹³ / ₁₆ "	5/16"

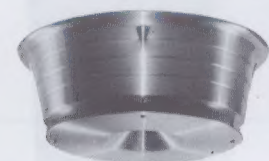
*DEPTH BEHIND CEILING LESS OUTLET BOX WHICH IS 1³/₈" DEEP.



SURFACE CEILING BAFFLE

260-8. The 260-8 is a surface ceiling baffle with four bass reflex ports and concentric reinforcement rings. The unit may be mounted directly to the ceiling surface or to an outlet box by using the optional 183-8 adapter. Standard finish is satin aluminum.

MODEL NO.	SPEAKER SIZE	DIAMETER	PROJECTS	ADAPTER
260-8	8"	13 ³ / ₈ "	4 ¹ / ₂ "	183-8



LOW CEILING SURFACE BAFFLE

23-8. The 23-8 surface baffle is designed for low ceiling installations where it is not possible to recess the speaker. The diffuser is designed to eliminate high frequency beaming. Optional 181-8 adapter permits mounting to an outlet box. Standard finish is satin aluminum.

MODEL NO.	SPEAKER SIZE	DIAMETER	PROJECTS	ADAPTER
23-8	8"	16 ³ / ₈ "	5 ³ / ₄ "	181-8



LOW CEILING SURFACE BAFFLE

24-8. The 24-8 is a louvered ceiling baffle which blends a satin aluminum body and a clear brushed steel louver. May be mounted direct to ceiling surface or to an outlet box by using optional 181-8 adapter.

MODEL NO.	SPEAKER SIZE	DIAMETER	PROJECTS	ADAPTER
24-8	8"	16 ¹ / ₂ "	5 ³ / ₄ "	181-8



COMPACT SURFACE WALL OR CEILING BAFFLE

410-8. The 410-8 is a compact wall or ceiling baffle that may be easily mounted directly to the wall or ceiling or to a 4" outlet box (not furnished). Standard finish is satin aluminum.

MODEL NO.	SPEAKER SIZE	DIAMETER	PROJECTS	
410-8	8"	9 ⁵ / ₁₆ "	4 ¹³ / ₁₆ "	



SQUARE SURFACE CEILING ENCLOSURE

SE175-4. Model SE175-4 is a surface mount ceiling baffle constructed of 20 ga. CRS and finished in a hard baked semi-gloss white enamel. This attractive enclosure has provisions to accommodate either a conventional screw mount trim square or a torsion spring trim square. (Order trim squares separately).

MODEL NO.	SPEAKER SIZE	DIMENSION	DEEP	MOUNTS
SE175-4	8"	11 ⁵ / ₈ " SQUARE	4"	161-8, T620-8, T161-8



SQUARE SURFACE CEILING ENCLOSURE

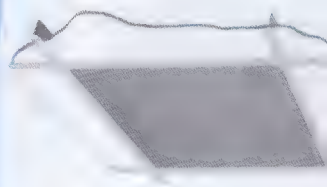
SM191-78. Model SM191-78 is similar to model SE175-4 except it is designed to accommodate model 164-8 baffle. Construction is 20 ga. CRS and finished in a hard baked semi-gloss white enamel.

MODEL NO.	SPEAKER SIZE	DIMENSION	DEEP	MOUNTS
SM191-78	8"	12 ³ / ₄ " SQUARE	4"	164-8

MODEL NO.	SPEAKER SIZE	DIMENSIONS	ENCLOSURE	PLASTER RING
G22-8	8"	23 3/4" SQUARE, 1/2" DEEP	95-8, 199-8, 96-8, Q408	—

2' x 2' LAY-IN BAFFLE

MODEL G22-8 is a 2' x 2' lay-in grille for use with exposed T-Grid suspension ceiling systems. This attractive grille, which replaces a 2' x 2' tile in the ceiling, features an all perforated front design, with a sub-plate for attaching the speaker and mounting to back enclosure. Finish is semi-gloss white baked enamel with no visible hardware.



MODEL NO.	SPEAKER SIZE	DIMENSIONS	ENCLOSURE	PLASTER RING
10-8	8"	12" SQUARE 5/8" DEEP*	95-8, 199-8	75-8 75-8E1 75-8E2 76-8 76-8E1 76-8E2 P77-8, P78-8
10-8R	8"	12" SQUARE, 5/8" DEEP*	95-8, 199-8	75-8 75-8E1 75-8E2 76-8 76-8E1 76-8E2 P77-8 P78-8

*DEPTH IS 5/8" UNLESS OTHERWISE SPECIFIED

TILE REPLACEMENT BAFFLE

MODEL 10-8 is an acoustical tile replacement to match regular or random perforations. Standard finish is semi-gloss white baked enamel. Suffix with an "R" when random hole pattern is desired.



MODEL NO.	SPEAKER SIZE	DIMENSIONS	ENCLOSURE	PLASTER RING
12-8	8"	12" SQUARE 5/8" DEEP*	95-8, 199-8	75-8 75-8E1 75-8E2 76-8 76-8E1 76-8E2 P77-8 P78-8

*DEPTH IS 5/8" UNLESS OTHERWISE SPECIFIED

TILE REPLACEMENT BAFFLE

MODEL 12-8 is an acoustical tile replacement without perforations. Standard finish is semi-gloss white baked enamel.

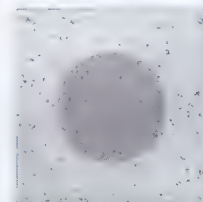


MODEL NO.	SPEAKER SIZE	DIMENSIONS	ENCLOSURE	PLASTER RING
15-8	8"	12" SQUARE 5/8" DEEP*	95-8, 199-8	75-8 75-8E1 75-8E2 76-8 76-8E1 76-8E2 P77-8 P78-8

*DEPTH IS 5/8" UNLESS OTHERWISE SPECIFIED

TILE REPLACEMENT BAFFLE

MODEL 15-8 is an acoustical tile replacement designed to simulate striated tile. Soundolier's unique painting procedure produces grey striations on a semi-gloss white baked enamel background.



MODEL NO.	SPEAKER SIZE	DIMENSIONS	ENCLOSURE	PLASTER RING
16-4	4"	11 1/4" x 11 1/4" SQUARE 3/8" PROJECTION	74-SL	185-SL
16-8	8"	11 1/4" x 11 1/4" SQUARE 3/8" PROJECTION	74-SL	185-SL

**CONCEALED
CEILING SPLINE BAFFLE**

MODEL 16-8. The 16-8 is specifically designed for most concealed spline ceiling systems. The attractive grille blends well with any decor. Finished in white baked enamel.

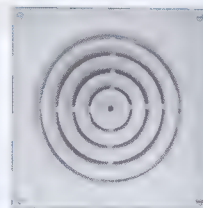


MODEL NO.	SPEAKER SIZE	DIMENSIONS	ENCLOSURE	PLASTER RING
17-8	8"	12" SQUARE 5/8" DEEP*	95-8, 199-8	75-8 75-8E1 75-8E2 76-8 76-8E1 76-8E2 P77-8, P78-8

*DEPTH IS 5/8" UNLESS OTHERWISE SPECIFIED

TILE REPLACEMENT BAFFLE

MODEL 17-8 is an acoustical tile replacement with a louvered diffuser. This unit is ideal for tiled ceilings where high frequency diffusion is desired. Standard finish is semi-gloss white baked enamel.



MODEL NO.	SPEAKER SIZE	DIMENSIONS	ENCLOSURE	PLASTER RING
166-8	8"	9 3/4" WIDE 18" LONG 5/8" DEEP	197-8	—
166-8AL	8"	9 3/4" WIDE 18" LONG 5/8" DEEP	197-8	—

**CONCRETE BLOCK
REPLACEMENT BAFFLE**

The **166-8** is an attractive steel concrete block replacement baffle with a separate mounting plate to prevent bass leak. Standard finish is semi-gloss white baked enamel or aluminum paint.



MODEL NO.	SPEAKER SIZE	DIMENSIONS	ENCLOSURE	PLASTER RING
160-8SWG	8"	11 3/4" SQUARE 1/4" DEEP	198-8	—
160-8SWA	8"	11 3/4" SQUARE 1/4" DEEP	198-8	—
160-8AL	8"	11 3/4" SQUARE 1/4" DEEP	198-8	—

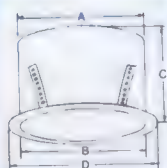
RECESSED WALL BAFFLE

MODEL 160-8 is a square recessed baffle with a variety of finishes and ample space for control mounting. Suffix model number with "SWG" for white steel baffle with gold grille, "SWA" for white steel baffle with aluminum painted grille and "AL" for brushed aluminum baffle with white grille.



ROUND-RECESSED ENCLOSURES

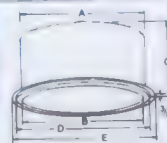
95 SERIES Cylindrical protective enclosures constructed of heavy ga. CRS. Undercoated and patch jute lined. Four triple compound knockouts. Rust preventative coating. Suitable for new or existing construction. Torsion spring models are available where a (T) prefix is shown.



MODEL NO.	A	B	C	D
(T)95-8	10 1/8"	9 1/8"	4 1/4"	11 3/4"
(T)95-8-5" DEEP	10 1/8"	9 1/8"	5"	11 3/4"
(T)95-8-7" DEEP	10 1/8"	9 1/8"	7"	11 3/4"
(T)95-8-10" DEEP	10 1/8"	9 1/8"	10"	11 3/4"
95-10	12 1/8"	12 3/8"	7"	14"
95-12	14 1/8"	14 3/8"	7"	16"

ROUND-RECESSED ENCLOSURES

96 SERIES Cylindrical protective enclosures incorporating a plaster flange. Undercoated to prevent metallic resonance. Four triple compound knockouts. Finished in a rust preventative coating.



MODEL NO.	A	B	C	D	E
96-8	11 1/8"	10 1/8"	4"	11 3/4"	11 3/4"
96-8-5" DEEP	11 1/8"	10 1/8"	5"	11 3/4"	11 3/4"
96-8-7" DEEP	11 1/8"	10 1/8"	7"	11 3/4"	11 3/4"
96-8-10" DEEP	11 1/8"	10 1/8"	10"	11 3/4"	11 3/4"

TORSION SPRING ENCLOSURE

T195-8 Cylindrical protective enclosure with torsion spring sockets. Heavily undercoated and patch jute lined. Heavy ga. CRS and four triple compound knockouts. Finished in a rust preventative coating.



MODEL NO.	A	B	C	D
T195-8	10 1/8"	9 1/8"	4 1/4"	11 3/4"

SQUARE-RECESSED ENCLOSURE

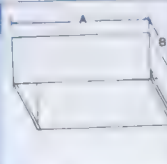
199-8 Square protective enclosure designed to mount many round and square baffles. 18 ga. CRS construction. Undercoated to prevent metallic resonance. Four triple compound knockouts.



MODEL NO.	A	B	C	D
199-8	8 1/2"	8 1/2"	3 1/2"	

SQUARE-RECESSED ENCLOSURE

191 SERIES Square protective enclosure constructed of heavy ga. CRS and finished in rust preventative coating. Undercoated and patch jute lined. Four triple compound knockouts. Torsion spring models are available where a (T) prefix is shown.



MODEL NO.	A	B	C	D
(T)191-78	11 1/8"	11 1/8"	4"	11 3/4"
191-78-5" DEEP	11 1/8"	11 1/8"	5"	11 3/4"

*ADJUSTABLE MOUNTING FLANGE

SQUARE-RECESSED ENCLOSURE

193 SERIES Square protective enclosure constructed of heavy ga. CRS and finished in a rust preventative coating. Undercoated to prevent metallic resonance. Four triple compound knockouts.



MODEL NO.	A	B	C	D
193-8	8 1/2"	8 1/2"	3 1/2"	
193-8-5" DEEP	8 1/2"	8 1/2"	5"	

CONCRETE BLOCK REPLACEMENT ENCLOSURE

197-78 Rectangular enclosure designed for installation in concrete block walls. Heavy ga. CRS and finished in a rust preventative coating. Undercoated to prevent metallic resonance.



MODEL NO.	A	B	C	D
197-78	15 1/8"	7 1/8"	3 1/2"	

SQUARE-RECESSED ENCLOSURE

198 SERIES Square protective enclosure constructed of heavy ga. CRS and finished in a rust preventative coating. Undercoated to prevent metallic resonance. Four triple compound knockouts. Torsion spring models are available where a (T) prefix is shown.



MODEL NO.	A	B	C	D
(T)198-8	10 1/8"	10 1/8"	3 1/2"	
T198-8-5" DEEP	10 1/8"	10 1/8"	5"	

CONCEALED SPLINE SQUARE RECESSED ENCLOSURE

185-SL. The 185-SL enclosure is designed and engineered for concealed spline ceilings. Acoustical deadener is applied to eliminate metal resonance. Manufactured of 18 gauge cold rolled steel.



MODEL NO.	A	B	C	D
185-SL	11 1/8"	10 1/8"	5"	13 1/4"

MOUNTING ADAPTED PLATES

181-8/183-8 Heavy ga. CRS adapters designed to facilitate mounting of 23, 24 and 260 series surface baffles. Mounting holes provided for electrical outlet boxes. Finished in rust preventative coating.



MODEL NO.	A	B	C	D
181-8	16"	3 1/2"	4 1/8"	
183-8	13 1/8"	3 1/8"	4 1/8"	

CHANNEL SUPPORTS

180 SERIES Channel supports are designed to give additional support to enclosures in suspended ceilings.



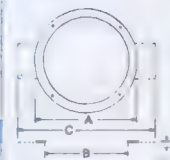
MODEL NO.	A
180-2	23 1/8"
180-4	47 1/8"
186-16	18"
186-24	26"

186 SERIES mounting bars are designed to support enclosures or plaster rings in 16" and 24" stud construction. Mounting nut is adjustable for centering.



PLASTER RINGS/FRAMES / T-BAR

MODEL NO.	A	B	C
75-8	11 1/4"	9 1/4"	—
T75-8E1	11 1/4"	9 1/4"	17"
T75-8E2	11 1/4"	9 1/4"	23 1/2"
75-12	11 1/4"	9 1/4"	—

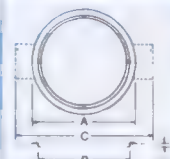


75 SERIES PLASTER RINGS

The 75 Series plaster rings are CRS circular units with a rust preventative coating. Models available with torsion spring sockets are shown with a "T" prefix. Models with E1 suffix have mounting ears for 16" stud centers. Models with E2 suffix have mounting ears for 24" lay-in tile.



MODEL NO.	A	B	C
76-8	13 1/4"	11 1/4"	—
76-8E1	13 1/4"	11 1/4"	17"
76-8E2	13 1/4"	11 1/4"	23 1/2"



76 SERIES PLASTER RINGS

The 76 series plaster rings are CRS circular units with a rust preventative coating. The 76-8E1 is designed for installation on 16" stud centers while the 76-8E2 is designed for 24" lay-in tile. All models have 8-32 speed nuts.



MODEL NO.	A	B	C
T175-8	11 1/4"	9 1/4"	—
T175-8E1	11 1/4"	9 1/4"	17"
T175-8E2	11 1/4"	9 1/4"	23 1/2"

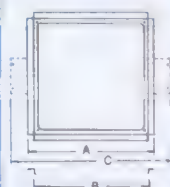


T175-8 PLASTER RING

The T175-8 plaster ring is a circular unit complete with torsion spring sockets designed to mount regressed type baffles. Models are available with convenient mounting ears — (E1) for 16" stud centers and (E2) for 24" lay-in tile. All models have a rust preventative coating.



MODEL NO.	A	B	C
71-8	13 1/4" SQ.	11 1/4" SQ.	—
T71-8	13 1/4" SQ.	11 1/4" SQ.	—
T71-8E1	13 1/4" SQ.	11 1/4" SQ.	17"
T71-8E2	13 1/4" SQ.	11 1/4" SQ.	23 1/2"

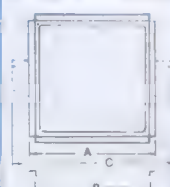


71 SERIES PLASTER FRAMES

The 71 series plaster frames are square CRS units with a rust preventative coating. Models available with torsion spring sockets are shown with a "T" prefix. Models are also available with convenient mounting ears — (E1) for 16" stud centers and (E2) for 24" lay-in tile.

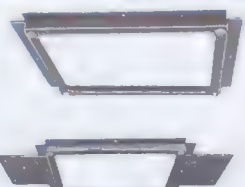


MODEL NO.	A	B	C
72-8	12 1/4" SQ.	10 1/4" SQ.	—
T72-8	12 1/4" SQ.	10 1/4" SQ.	—
T72-8E1	12 1/4" SQ.	10 1/4" SQ.	17"
T72-8E2	12 1/4" SQ.	10 1/4" SQ.	23 1/2"

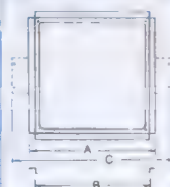


72 SERIES PLASTER FRAMES

The 72 series plaster frames are square CRS units with a rust preventative coating. Models available with torsion spring sockets are shown with "T" prefix. Models are also available with convenient mounting ears — (E1) for 16" stud centers and (E2) for 24" lay-in tile.



MODEL NO.	A	B	C
73-8	11" SQ.	9 1/2" SQ.	—
73-8E1	11" SQ.	9 1/2" SQ.	17"
73-8E2	11" SQ.	9 1/2" SQ.	23 1/2"

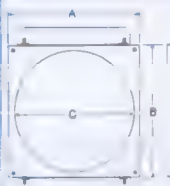


73 SERIES PLASTER FRAMES

The 73 series plaster frames are square CRS units with a rust preventative coating. Models shown with E1 suffix are for installation on 16" stud centers and models with E2 suffix are for 24" lay-in tile.



MODEL NO.	A	B	C
74-SL	10 1/2"	10 1/2"	9 1/4"

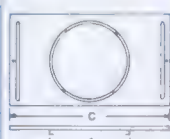


74-SL MOUNTING FRAME

Model 74-SL is designed for use with the 16-8 and 16-4 concealed spline grilles. Manufactured of 18 gauge cold rolled steel. The frame has absorbant material at points of metal to metal contact with the grille.



MODEL NO.	A	B	C	D
81-8	11 1/4"	18 1/4"	23 1/2"	18"

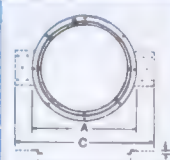


81-8 T-BAR BRIDGE

Model 81-8 is the answer to troublesome ceiling tile sag. Sturdy one piece 24 ga. CRS construction distributes speaker/baffle weight to the T-Bar members. For unusually heavy speaker/baffle support, use model 180-4 channel supports for weight distribution to the 48" grid members as well. Finished in a galvanized rust-resistant coating.

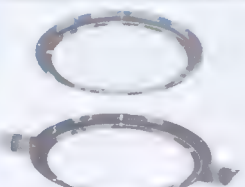


MODEL NO.	A	B	C
P78-8	13 1/4"	11 1/4"	18"

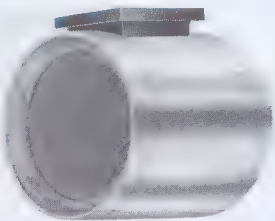


PLASTIC PLASTER RINGS

Soundolier P Series polystyrene plastic plaster rings may be used in new or existing construction. Simply cut 12" diameter hole, snap ring at "break slot" and thread ring into position. Model P78-8 has extended mounting bars.



VANDAL PROOF BAFFLES



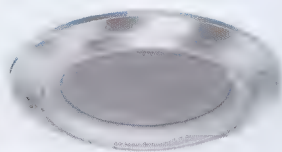
VP510-B BI-DIRECTIONAL

MODEL VP510-B is a unique bi-directional baffle featuring true vandal-proof design and construction. The housing is 11 gauge tempered plate aluminum. The speaker grilles are cast from a high tensile, self-aging aluminum alloy with a tensile strength of 44,000 lbs. P.S.I. For added protection of the speaker cone, the speaker grilles have a special stainless steel woven wire mesh and a speaker mounting adapter having a perforated opening. Mounts to standard E.O. box using the heavy cast aluminum canopy. Total security by use of special treated alloy tamper-proof screws. Special wrench with each shipment. Finished in beautiful satin aluminum with a clear baked epoxy coating. Canopy in a contrasting black satin baked enamel. Mounts to standard 8" loudspeakers. Optional adapters for mounting various horns. Consult specification sheet for details. **DIMENSIONS:** 10" dia. x 8" deep x 11" projection.



VP410-S SURFACE

MODEL VP410-S is a vandal-proof surface mounted ceiling or wall baffle designed for use with standard 8" loudspeakers. The housing is 11 gauge tempered plate aluminum. The speaker grille is cast from a high tensile, self-aging aluminum alloy with a tensile strength of 44,000 lbs. P.S.I. To prevent access to the speaker cone, a special stainless steel woven wire mesh and perforated speaker adapter are incorporated into the speaker grille. Mounted to a standard E.O. box using the keyhole slots or to ceiling or wall with anchors. Rear section is regressed slightly to permit edges to draw up tightly to the mounting surface. Total security by use of special heat treated alloy tamper-proof screws. Special wrench with each shipment. Finished in a beautiful satin aluminum with a clear baked epoxy coating. Mounts various horns by using optional adapters. Consult specification sheet for details. **DIMENSIONS:** 10" dia. x 7 1/4" deep.



VP60-R RECESSED

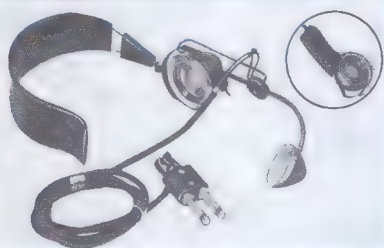
MODEL VP60-R is a truly vandal-proof recessed grille designed for use with standard 8" loudspeakers. This attractive grille offers total security from direct blows to the grille or tampering to gain access to the loudspeaker. The casting is a high tensile, self-aging aluminum alloy with a tensile strength of 44,000 lbs. P.S.I. The speaker screen is a special stainless steel woven wire mesh backed up by a speaker adapter with a perforated opening. Total security by use of special heat treated alloy tamper-proof screws. Special wrench with each shipment. Finished in satin aluminum with a clear baked epoxy coating. Optional adapters for mounting various horns. Consult specification sheet for details. **DIMENSIONS:** 12 3/4" dia. x 1" deep.

VP161 SERIES—SQUARE RECESSED

MODEL VP161 is a square recessed vandal-proof grille manufactured of a special self-aging aluminum alloy which has a tensile strength of 44,000 P.S.I.—twice that of conventional acoustical castings. Each unit is backed up with a heavy gauge cold rolled steel perforated screen to protect the speaker from vandal damage. Each unit includes tamper-proof hardware to prevent unauthorized entry to the baffle interior. Standard finish is an attractive textured white baked enamel. Consult specification sheet for details. **DIMENSIONS:** 10 3/4" sq. x 3/4" projection.

OPERATOR-SUPERVISOR

TELEPHONE HEADSETS



H52/H53 SERIES 5' CORD

H52 SERIES. The H52 series headsets are standard operator headsets — 52AW. The H53 series is the standard 53AW which can be used as a headset or as a handset when the headband is removed. Both headsets contain a 25 ohm carbon microphone and a 300 ohm dynamic earset. The headband is padded leather. The H52 and H53 series are available with 2 types of connectors.

MODEL	CONNECTOR TYPE
H52	DUAL TELEPHONE TYPE (289B)
H53	DUAL TELEPHONE TYPE (310)
H52-3	SINGLE 3 CONNECTOR TYPE (310)
H53-3	SINGLE 3 CONNECTOR TYPE (310)



H152 SERIES 15' COIL CORD

H152 SERIES. The H152 series headsets are the standard operator headset (52AW) but with a 15' coil cord for use in cueing systems and for added mobility. The headset contains a 25 ohm carbon microphone and a 300 ohm dynamic earset. Headband is padded leather. The H152 series is available with your choice of several connectors.

MODEL	CONNECTOR TYPE
H152	DUAL TELEPHONE TYPE (289B)
H152-3	SINGLE 3 CONDUCTOR (310)
H152-4	TELEPHONE TYPE (310)
H152-5	XLP4-11 (4 PIN FEMALE)
H152-6	XLP3-12 (3 PIN MALE)
H152-7	XLP3-11 (3 PIN FEMALE)



H252 SERIES 15' COIL CORD AND ON-OFF TOGGLE SWITCH

H252 SERIES. The H252 series headsets are the standard telephone supervisor type. Cord length is 15' complete with on-off toggle switch. Used extensively for cueing systems, TV cameramen, etc. The headset contains a 25 ohm carbon microphone and a 300 ohm dynamic earset. Headband is padded leather. The H252 series is available with a choice of connectors.

MODEL	CONNECTOR TYPE
H252	DUAL TELEPHONE TYPE (289B)
H252-3	SINGLE 3 CONDUCTOR (310)
H252-4	XLP4-12 (4 PIN MALE)
H252-5	XLP4-11 (4 PIN FEMALE)
H252-6	XLP3-12 (3 PIN MALE)
H252-7	XLP3-11 (3 PIN FEMALE)

The PageKom Intercommunication System is a unique common talk-paging system which features a "page only" line. It's modern design is compatible with any interior, yet ruggedly built to last for many years. Soundolier offers one

and two line PageKom systems thereby increasing overall flexibility. The telephone stations are available in both wall and desk models and are controlled by an unusual power supply capable of quick expansion.

WALL PHONES WITHOUT SPEAKER

PK101-W, PK100-W SPECIFICATIONS

CARBON TRANSMITTER	200 OHM IMPEDANCE
DYNAMIC RECEIVER	50 OHM IMPEDANCE
PAGING SWITCH	PDT
CHANNEL SELECTOR SWITCH	DP-3 POS (PK100-W ONLY)
SCREW TERMINAL CONNECTIONS	

MODELS PK101-W and PK100-W are one and two line wall phones respectively. Each one incorporates at 500 style handset — paging switch on handset — cast metal hookswitch with external speaker muting — busy lites — steel housing with baked on finish — silk screened nomenclature.



WALL PHONES WITH SPEAKER

PK201-W, PK200-W SPECIFICATIONS

CARBON TRANSMITTER	200 OHM IMPEDANCE
DYNAMIC RECEIVER	50 OHM IMPEDANCE
PAGING SWITCH	SPDT
CHANNEL SELECTOR SWITCH	DP-3 POS (PK200-W ONLY)
SPEAKER	2 1/2" 1 OZ MAGNET
TRANSFORMER	25 VOLTS. 1/2, 1 WATT TAPS
SCREW TERMINAL CONNECTIONS	

MODELS PK201-W and PK200-W are one and two line wall phones respectively. Each one incorporates same features as PK101-W and PK100-W except larger enclosure to accommodate 2 1/2" speaker, 25 volt transformer and a screw driver adjust volume control — hookswitch mutes internal speaker — transformer tapped at 1/2 and 1 watt.



DESK PHONES WITH SPEAKER

PK301-D, PK300-D SPECIFICATIONS

CARBON TRANSMITTER	200 OHM IMPEDANCE
DYNAMIC RECEIVER	50 OHM IMPEDANCE
PAGING SWITCH	SPDT
CHANNEL SELECTOR SWITCH	DP-3 POS (PK300-D ONLY)
SPEAKER	2 1/2" 1 OZ MAGNET
TRANSFORMER	25 VOLTS. 1/2, 1 WATT TAPS
SCREW TERMINAL CONNECTIONS	

MODELS PK301-D and PK300-D are one and two line desk phones respectively. They are similar to PK201-W and PK200-W except entirely molded of high impact plastic, finished in attractive beige — use Model PK10-T terminal box.



POWER CONTROL UNIT

PKC24-30 SPECIFICATIONS

POWER INPUT	105-125 VAC 60 HZ
CONVENIENCE OUTLET	117 VAC. NOT SWITCHED
POWER OUTPUT	24 VDC @ 3 AMPS—(OPERATES UP TO 30 TELEPHONES)
EXT. POWER INPUT	24 VDC UP TO 3 AMPS—(EXPANDS SYSTEM FOR AN ADDITIONAL 30 PHONES)
AUX. OUTPUT POWER	24 VDC @ 250 MA. FUSED
RELAYS	PLUG-IN TYPE WITH PLASTIC DUST COVER DPDT. 24 VDC COIL. 3 AMP CONTACT RATING
PROGRAM INPUT	ANY BACKGROUND MUSIC SOURCE. INTERNAL LEVEL ADJUSTMENT
TERMINATIONS	SCREW TERMINALS FOR SYSTEM WIRING PHONO PLUGS FOR AMPLIFIER AND PROGRAM SOURCE
FINISH	LIGHT BLUE WITH CONTRASTING BLACK COVER
SIZE	3 1/2" H x 13 1/2" W x 7 3/4" D

MODEL PKC24-30 is a power control unit using a full wave rectifier and pi-section filter — output is 24 volts at 3 amps — can serve up to 30 stations — a PS24-32 power supply can be added to serve up to 60 stations — screwdriver adjust potentiometer controls music input to amplifier — complete instruction book supplied with each unit.



TERMINAL/JUNCTION BOXES

PK10-T, PK10-J SPECIFICATIONS

SIZE	5 5/8" H x 4 1/8" W x 1 5/8" D
FINISH	CHASSIS AND COVER BEIGE
TERMINATION	SCREW TERMINALS, ONE 10 POINT BARRIER STRIP
	NUMBERED AND COVERED (PK10-T ONLY) TEN CONDUCTOR, 6 FT LENGTH
CABLE	BEIGE FINISH FREE END TERMINATED WITH SPADE LUGS

MODELS PK10-T and PK10-J are terminal and junction boxes respectively. The PK10-T has a 10 conductor cable terminated with spade lugs and is designed as a terminal box for the PK301-D and PK300-D desk phones. The PK10-J is a junction box with a 10 point barrier strip. Both units have a beige painted finish.



TELEPHONE STATIONS PLASTIC CRADLE TYPE



The "W" SERIES is a telephone handset/hookswitch assembly with a thermo-plastic cup cradle on a 2 or 4 gang brushed stainless steel plate, a "500" style handset and two form "C" switches (DPDT). The assembly is wired to a terminal strip on rear of plate, and all leads are color coded and equipped with spade lugs. WE-0 and WB-0 use a special mounting plate for Soundolier telephone enclosures.

MODELS ...	WE-2	2 GANG	BEIGE
	WE-4	4 GANG	BEIGE
	WB-2	2 GANG	BLACK
	WB-4	4 GANG	BLACK
	WE-0	—	BEIGE
	WB-0	—	BLACK

TELEPHONE STATIONS METAL HANGER TYPE



SERIES "C" is a complete handset/hookswitch assembly utilizing an attractive chrome hook mounted on either a 2 gang or 4 gang brushed stainless steel plate. The assembly has a "500" style handset. Switching consists of 2 form "C" switches (DPDT) completely wired to a terminal strip located on rear of plate. All leads are color coded and equipped with spade lugs for quick modification.

MODELS ...	CE-2	2 GANG	BEIGE
	CE-4	4 GANG	BEIGE
	CB-2	2 GANG	BLACK
	CB-4	4 GANG	BLACK

TELEPHONE STATIONS MINIATURE SWITCH TYPE



SERIES CE-MS telephone stations utilize an enclosed miniature snap action switch for dust free — long life operation. These assemblies consist of a "500" style handset, chrome hook and terminal block, mounted on a 2 or 4 gang brushed stainless steel plate. The hook switch and handset are pre-wired to a terminal strip for easy field hook up.

MODELS	CE2-MS	2 GANG	BEIGE
	CE4-MS	4 GANG	BEIGE
	CB2-MS	2 GANG	BLACK
	CB4-MS	4 GANG	BLACK

TELEPHONE STATIONS ARMORED CABLE TYPE



This series of telephone assemblies is designed for installations requiring vandal protection. The special feature is a stainless steel armored cable securely fastened to the mounting plate and handset. The basic assembly consists of a "500" style handset, a chrome hook and terminal block mounted to either a 2 or 4 gang brushed stainless steel wall plate. Switching consists of 2 form "C" switches (DPDT). The entire assembly is factory wired to a terminal block located on the rear of the wall plate.

MODELS ...	CE2-AC	2 GANG	BEIGE
	CE4-AC	4 GANG	BEIGE
	CB2-AC	2 GANG	BLACK
	CB4-AC	4 GANG	BLACK

DESK INTERCOM STATION "2500" STYLE



MODEL DP-1 is a "2500" style desk phone designed for integration into virtually any telephone intercom system. The desk phone is furnished less ringer, induction coil. The station is supplied with a dial blank. 2 form "C" switches (DPDT), transmitter and receiver are completely wired to a terminal block located in the interior of phone. Spade lugs are also supplied for quick modification.

MODEL	DP-1
COLOR	BEIGE

TELEPHONE POWER SUPPLY



The TPS24-20 is a combination low voltage AC and Talk voltage power supply designed to power most common talk telephone intercom systems. A retard coil is included in the talk voltage circuit. Ventilated cover is included.

SPECIFICATIONS	
INPUT POWER	117 VAC @ 60 HZ
OUTPUT POWER	
TALK VOLTAGE	6, 12 & 24 VDC @ 2 AMPS
AC VOLTAGE	6, 12 & 24 VAC @ 2 AMPS
RIPPLE	LESS THAN .125% (30 MV RMS)
(TALK VOLTAGE)	@ 2 AMPS

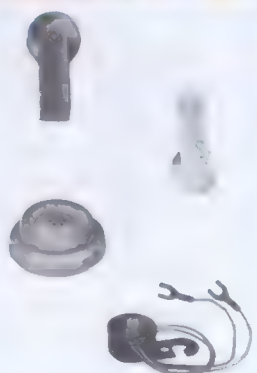
TELEPHONE INTERCOM HOUSINGS



TRE-1 and TSE-1 are special recessed and surface enclosures for telephone intercom stations, with hinged front door and cylinder locks. TRC-1 is a recessed housing without front door. TS302 and TS304 are 2 gang and 4 gang surface enclosures finished in beige.

TSE-1	WE0	—	8" x 13" x 3 3/4"
	WB0	—	
TRC-1	WE0	TF-1	7" x 12" x 3 3/4"
	WB0		
	WE2		4 1/2" x 4 1/2" x 4 1/2"
	WB2		
	WB4		4 1/2" x 8 1/2" x 2 1/4"

TELEPHONE OPTIONS AND ACCESSORIES



SERIES PT option is the addition of a push-to-talk button switch on the handset. The switch is a SPDT wired as a SPST. Add suffix -PT.

SERIES DY option is a low impedance dynamic transmitter in place of the carbon transmitter usually supplied. 150 ohms @ 1 KHz. Add suffix -DY.

SERIES CX is a noise-cancelling transmitter designed to cancel background noise. Order separately; Model CX-E (beige) or Model CX-B (black).

MODEL B18AC is a miniature AC buzzer ideal for telephone intercom use. DC resistance — 150 ohms. Requires 6-18 V.A.C.

PUNCHED WALL PLATES

WALL PLATES WITHOUT DEVICES

PUNCHING DESCRIPTION	BLANK	DIAMETER HOLE	DIAMETER HOLE	% I.D. GROMMET	CANNON XLR-13 XLR-14 SWITCHCRAFT C-1M C-1F AMPHENOL 91-859 91-860	CANNON XLR-13N XLR-14N SWITCHCRAFT B-1F B-1M
GANGS	1	2	3	4	5	6
1	1.00	1.00	1.00	1.00	1.00	1.00
2	1.00	1.00	1.00	1.00	1.00	1.00
3	1.00	1.00	1.00	1.00	1.00	1.00
4	1.00	1.00	1.00	1.00	1.00	1.00
5	1.00	1.00	1.00	1.00	1.00	1.00
6	1.00	1.00	1.00	1.00	1.00	1.00

Soundolier wall plates are available in two materials. Prefix model number with proper letter. S — .031 Stainless Steel, A — .032 aluminum. Mounting holes are standard box mount centers (3⁹/₃₂"). Plate mounting hardware is included. Also available with premounted connectors listed.

WALL PLATES WITH CONNECTORS PREMOUNTED

INCLUDES SWITCHCRAFT CONNECTOR C-1F	INCLUDES SWITCHCRAFT CONNECTOR C-1M	INCLUDES SWITCHCRAFT CONNECTOR B-1F	INCLUDES SWITCHCRAFT CONNECTOR B-1M
501-13C	501-14C	501-13N	501-14N
501-859	501-860	501-859	501-860
501-859	501-860	501-859	501-860
501-859	501-860	501-859	501-860
501-859	501-860	501-859	501-860
501-859	501-860	501-859	501-860

Prefix model numbers for material choice same as plates without devices. One, two and three gang surface enclosures are available for wall plates. Specify 301, 302 or 303 respectively.

INTERCOM WALL PLATES

GANGS	SPEAKER SIZE	GANGS	SPEAKER SIZE
2	2"	3	3"
2	2"	3	3"
2	2"	3	3"
2	2"	3	3"
2	2"	3	3"
2	2"	3	3"
2	2"	3	3"

SERIES 2000 intercom plates are available in two and three gang models. The plates are of specification grade stainless steel with a beautiful brushed finish. Speaker mounting holes are available for 2¹/₂" or 3" models.

Plate mounting holes are standard and countersunk for 6-32 hardware. All plates use box mounting (3⁹/₃₂"). Plate mounting hardware is furnished. Switch mounting hole is 1⁹/₃₂".

INTERCOM STATION ASSEMBLIES

Soundolier intercom assemblies offer economy, convenience and variety. Two and three gang models are available with components mounted and ready for your individual wiring. The plates are manufactured of non-magnetic stainless steel with a beautiful brushed finish. The speaker is a 3" model with an efficient 1.47 oz. magnet and 45 ohm voice coil. Models include one or two momentary action SPDT switches. A six screw terminal strip is riveted to the speaker for flexibility in wiring when switches are employed.

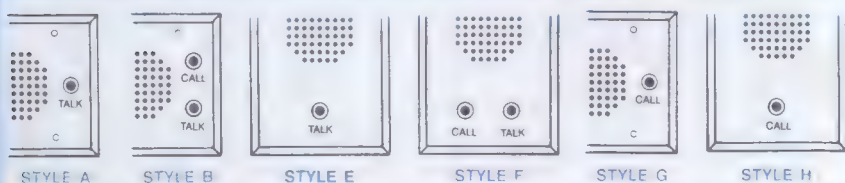
LETTERING AVAILABLE — is stamped and paint filled. Styles are shown below. Check lettering column for models available with lettering. Suffix model number with proper lettering style. (Example — 3012-A, 3013-E, 4023-F, etc.)

SERIES 3000 are the recessed versions. Total depth required for 2 or 3 gang models is 2¹/₄".

SERIES 4000 are the surface versions. Same specifications as the 3000 series except the 302 or 303 surface enclosure is included.

ENCLOSURES — Series 300 surface enclosures may be purchased separately or as part of the 4000 series assemblies. Finished in a hard baked beige enamel. Sizes: 302 — 4¹/₂" x 4¹/₁₆" x 2¹/₂" D., 303 — 4¹/₂" x 6³/₁₆" x 2¹/₂" D.

MODEL NO. (LESS ENCLOSURE)	GANGS	NUMBER OF SPDT SWITCHES INSTALLED	STYLE LETTERING AVAILABLE	RECOMMENDED SURFACE ENCLOSURE	MODEL NO. (WITH ENCLOSURE)
3002	2	—	—	302	4002
3012	2	1	A, G	302	4012
3022	2	2	B	302	4022
3003	3	—	—	303	4003
3013	3	1	A, E, G, H	303	4013
3023	3	2	B, F	303	4023



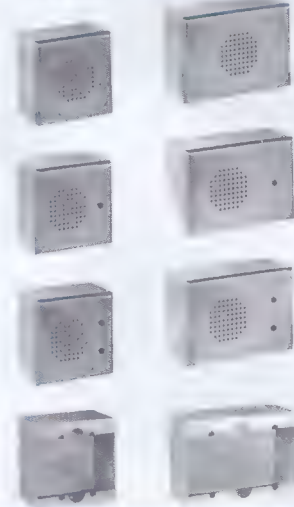
SPEAKER #3-45
SIZE—3" SQUARE
MAGNET WT.—1.47 OZ.
IMPEDANCE—45 OHMS
VOICE COIL SIZE—⁹/₁₆"



TERMINAL STRIP #6-6
SIX SCREW-TYPE TERMINALS
WITH BRASS TINNED SOLDER
LUGS.



PUSH BUTTON #1-2T
MOMENTARY ACTION SINGLE
POLE DOUBLE THROW TYPE.
CONTACT RATING ¹/₄ AMP.



Q SERIES DELUXE LOUDSPEAKER ENCLOSURES

In response to the industry's need, Soundolier developed the "Q" Series enclosures which have comparable acoustical qualities to $\frac{3}{4}$ " plywood and also eliminates all the additional problems. Through a unique combination of acoustic board and metal, and the engineered placement of "anti-vibration" ribs, Soundolier has achieved the acoustical qualities of $\frac{3}{4}$ " plywood but with the general benefits afforded by metal enclosures.

A unique acoustical fiber board* is permanently affixed to the entire inner walls of the enclosure which effectively eliminates the "hangover" and vibration normally associated with large metal enclosures. To achieve additional rigidity, ribs are formed on the back side of the enclosure. In addition, the

inner walls are lined with $1\frac{1}{2}$ " thick fiberglass with a $1\frac{1}{2}$ lb./cu. ft. density to control unwanted resonances in the high end of the frequency spectrum.

The "Q" Series enclosures are constructed of 18 gauge cold rolled steel. Compound $\frac{1}{2}$ "- $\frac{3}{4}$ " knockouts are furnished on all 4 sides.

(OPTIONAL) Recessed "Q" Series enclosures may be installed with QR30 channels (30" long) or QR50 channels (50" long). Both channel models are constructed of 16 ga. C.R.S. and finished in black baked epox enamel.

*Included in all models except Q408.

ROUND RECESSED ENCLOSURES

MODEL Q408 is one of the "Q" Series Enclosures designed and engineered for professional distributed sound systems.

Model Q408 is a welded cylindrical steel protective enclosure having a cubic content of 1 cu. ft. The interior is not only undercoated to eliminate metallic resonances, but is also furnished with $1\frac{1}{2}$ " thick fiberglass with a $1\frac{1}{2}$ lb./cu. ft. density.

Model Q408 incorporates a plaster flange and has provisions for the mounting of many popular Soundolier grilles.

The enclosure is designed for use with any standard 8" loudspeaker. Finish is baked epox enamel. Standard color is black.

Mounts to: 51-8, 60-8, 61-8, 62-8, F64-8, 67-8, 68-8, 170-8, G22-8, M222, P900, VP60-R.

SQUARE RECESSED ENCLOSURES

This group of "Q" Series enclosures range in size from $1\frac{1}{2}$ cu. ft. to 3 cu. ft. and can accommodate 8" and 12" speakers. The acoustical fiber board is $\frac{1}{2}$ " thick. All other construction details are as described above.

MODEL	CU. FT.	SPK. SIZE	A	B	C	MOUNTS TO BAFFLE
Q418	$1\frac{1}{2}$	8"	18"	18"	8"	164-8, 19-8
Q438	2	8"	23"	18"	8"	164-8, 19-8
Q4412	2	12"	23"	18"	8"	164-12
Q458	3	8"	23"	18"	12"	164-8, 19-8
Q4612	3	12"	23"	18"	12"	164-12

SQUARE RECESSED ENCLOSURES

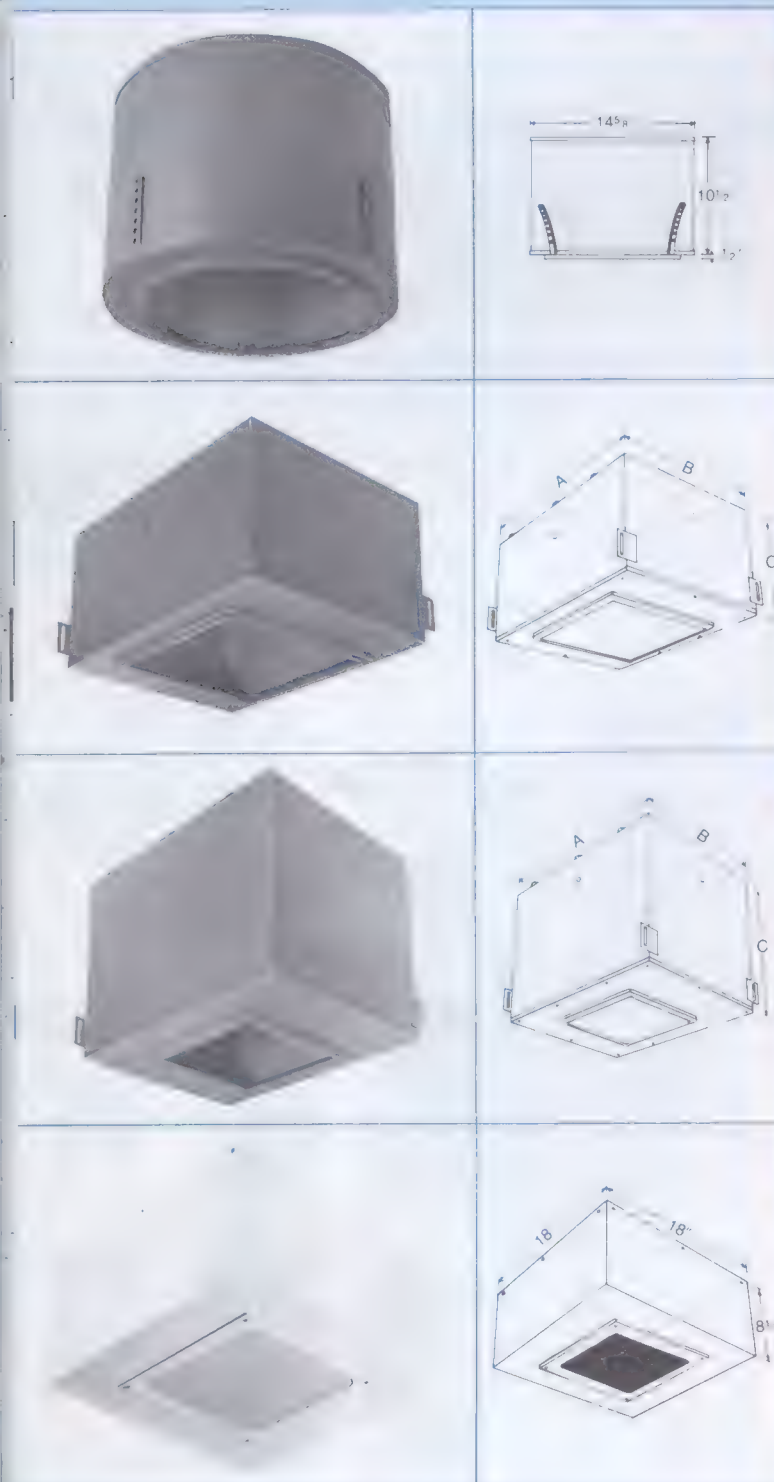
This group of "Q" Series enclosures range in size from 4 cu. ft. to 6 cu. ft. and can accommodate 12" and 15" speakers. The acoustical fiber board is 1" thick. All other construction details are as described above.

MODEL	CU. FT.	SPK. SIZE	A	B	C	MOUNTS TO BAFFLE
Q4712	4	12"	23"	18"	16 $\frac{3}{4}$ "	164-12
Q4812	6	12"	29 $\frac{1}{2}$ "	23"	15"	164-12
Q4915	6	15"	29 $\frac{1}{2}$ "	23"	15"	164-15

SQUARE SURFACE ENCLOSURE AND BAFFLE

MODEL Q428-S is a surface mount assembly including the loudspeaker baffle, which is regressed into the enclosure, resulting in an attractive package. The acoustical fiber board is $\frac{1}{2}$ " thick. The interior is completely lined with $1\frac{1}{2}$ lb./cu. ft. density fiberglass. The assembly utilizes a removable back plate for ease of mounting the complete assembly to the ceiling.

Model Q428-S is designed for use with any standard 8" loudspeaker. Standard finish is baked semi-gloss white enamel.



NOISE MASKING EQUIPMENT

MASKING LOUDSPEAKER SYSTEMS

Open office landscaping and mobile partitions are popular concepts with architects today. In order for the concept of open offices to work, conversational privacy must be maintained by masking undesirable sounds.

Soundolier has brought together the expertise of leading acoustical consultants and its own wide experience and "know how" in manufacturing items for low level sound. This unique combination has made possible the production of masking noise packages that allow maximum flexibility along with high acoustical quality, designed for almost any type installation. The model number charts below are a guide to aid you in selecting the right unit to meet your specification. As an example, to complete a model number, add style (M81) plus speaker (S2) plus transformer (T7) = M81-S2T7. Complete component specifications available upon request.

Soundolier offers rotary switch (RS) and conduit box (BX) options on several models. The rotary switch option includes a six position rotary switch with knob, connected to the line transformer primary providing easy wattage tap selection. Suffix model number with "-RS". The conduit box option includes a one gang conduit box installed on the enclosure for those jobs requiring conduit installation. Suffix model number with "-BX".

SPEAKER SIZE	BAFFLE TYPE						SPEAKERS AVAILABLE	TRANS. AVAILABLE
		Radiates Upward	Radiates Downward	Round, Channel Mount, Radiates Upward	Square, Channel Mount, Radiates Upward	Square, Channel Mount, Radiates Upward		
8"	DIFFUSER	M81	M82	M83	M810	—	S1, S2, S3	T7, T2
	PERFORATED	M84	M85	M86	M811	M813	S1, S2, S3	T7, T2
	OPEN GRILLE	M87	M88	M89	M812	—	S1, S2, S3	T7, T2
4"	DIFFUSER	M41	M42	M43	—	—	S4	T7, T2
	PERFORATED	M44	M45	M46	M411	—	S4	T7, T2
	OPEN GRILLE	M47	M48	M49	—	—	S4	T7, T2

MODEL	SIZE TYPE	MAGNET WEIGHT	SENSITIVITY	POWER RATING	RESONANCE	TRANSFORMER		
						MODEL	PRI VOLTS	PRI TAPS
S1	8" STANDARD CONE	5 OZ. CERAMIC	94 DB	10 WATTS	99 Hz	T7	70.7	C, .5, 1, 2, 5
						T2	25	C, .5, 1, 2, 5
S2	WITH WHIZZER CONE	10 OZ. CERAMIC	96 DB	12 WATTS	98 Hz	T7	70.7	C, .5, 1, 2, 5
						T2	25	C, .5, 1, 2, 5
S3	8" COAXIAL	LF—10 OZ. CERAMIC HF—2.35 OZ. CERAMIC	96 DB	16 WATTS	70 Hz	T7	70.7	C, .5, 1, 2, 5
						T2	25	C, .5, 1, 2, 5
S4	4" HIGH COMPLIANCE	10 OZ. CERAMIC	93 DB	10 WATTS	100 Hz	T7	70.7	C, .5, 1, 2, 5
						T2	25	C, .5, 1, 2, 5

AM1100 SELF-CONTAINED AUDIO MASKING SYSTEM

The Masker Model AM1100 is a compact audio masking unit for installation in ceiling plenums. It is completely self-contained in a 6" metal cube enclosure with unique one point suspension allowing full 360 positioning of speaker systems. Each unit contains its own power supply, digital noise generator, amplifier and 4", 10 oz. ceramic magnet speaker. The sound output curve of the Masker is preset at the factory. In addition, Soundolier can preset units to match customer specifications when required. Controls include a master volume control, stepped attenuation control in two low pass filters which allow adjustment of the sound output curve. If a particular job required paging, conduit and rigid suspension systems, these are all available as options by adding the appropriate suffix code to the model number. For details consult specification sheet.

OPTIONS AVAILABLE. Basic Model No. AM1100, add suffixes for suspension and power connection: -L AC line cord with plug; -H 4 ft. chain suspension with "S" hooks; -P Auxiliary paging and background music with input adjust level (factory set for 70 volts); -C 1/2" conduit connector with 6 ft. of UL wire; -R1 Rigid pipe 1 ft. long, use flexible conduit; -R2 Rigid 2 ft. pipe; -R3 Rigid 3 ft. pipe.

MG1500 MASKING NOISE GENERATOR

MODEL MG-1500 masking noise generator for architectural masking. A digital noise module drives a set of selected filters which shapes the response to obtain a given design specification. Rolloff settings from flat to 12 db. per octave are provided by adjustable active shaping filter. Fourteen adjustable broadband active filters on 1/3 octave centers from 200 Hz allow for compensation in room and loudspeaker acoustics. Adjustable LOW CUT selection of low frequency rolloff points from 30 to 150 Hz. Adjustable HIGH CUT for attenuation above 5000 Hz. OUTPUT LEVEL control. Active circuitry on a plug-in module for easy servicing. Mounted on a standard relay rack panel 19" x 5 1/4". Unit operates from 117 VAC with a 3 conductor, 6 foot cord. All controls project to rear and are secured by lock nuts. Terminal access from rear. Front panel finished in dark textured bronze, baked enamel.

L30



L31

L32

UL APPROVED AUDIBLE SIGNAL DEVICES

Soundolier UL Approved Audible Signal Devices combine technical know-how and quality workmanship to produce an emergency alarm speaker with reproductive sound quality better than anything on the market. These devices meet or exceed Underwriters' Laboratories specifications for "Fire Protective Signaling Services" (UL464). They are designed for high-rise buildings, manufacturing plants, apartments, condominiums, schools and campus complexes.

These units are available in 1/2 and 1 or 2 and 4 watt multi-tapped versions, and are made in surface, recessed, and bi-directional styles (bi-directional...the only one in the industry). Red or white finishes are available with 70.7 or 25 volt line transformers. See specification sheet for details.

MODEL NO.†	LINE XFMR VOLTAGE	MOUNTING SURFACE
L30-25R(W)(-A)	25 V	SURFACE
L30-70R(W)(-A)	70.7 V	SURFACE
L31-25R(W)(-A)	25 V	RECESSED
L31-70R(W)(-A)	70.7 V	RECESSED
*L31E	ENCLOSURE FOR L31 SERIES	
L32-25R(W)(-A)	25 V	BI-DIRECTIONAL
L32-70R(W)(-A)	70.7 V	BI-DIRECTIONAL

*L31E MUST BE SPECIFIED—ORDER SEPARATELY

†NOTE: MODEL NUMBER MUST BE SUFFIXED FOR BOTH COLOR AND 1/2, 1 WATT VERSION. SEE SUFFIXES BELOW.

SUFFIX R = RED
SUFFIX W = WHITE
SUFFIX -A = 1/2, 1 WATT MULTI-TAP

EXAMPLES: L30-25R = RED, 2.4 WATT
L30-25W-A = WHITE, 1/2, 1 WATT

RECESSED & SURFACE TELEPHONE STATIONS WITH LOCKING & FRICTION CATCH DOORS

These versatile units are available with or without a "breakglass" door feature and come in a red baked enamel finish. Telephone handsets are available in either standard coil cord or armored cable for added security.

RECESSED MODELS

MODEL NO.	ENCLOSURE DIMENSIONS	FRAME SIZE	DOOR	TELEPHONE CORD
L20-300	13 1/2" x 8" x 3 3/8"	15" x 9 3/8"	BREAKGLASS	STANDARD COILED CORD
L20-301	13 1/2" x 8" x 3 3/8"	15" x 9 3/8"	SOLID	STANDARD COILED CORD
L20-303	13 1/2" x 8" x 3 3/8"	15" x 9 3/8"	BREAKGLASS	SECURITY-TYPE ARMORED CABLE
L20-304	13 1/2" x 8" x 3 3/8"	15" x 9 3/8"	SOLID	SECURITY-TYPE ARMORED CABLE
L20-302	13 1/2" x 8" x 3 3/8"	15" x 9 3/8"	FRICTION	STANDARD COILED CORD

SURFACE MODELS

MODEL NO.	DIMENSIONS
L20-310	15 1/2" x 9 1/2" x 3 1/2"
L20-311	15 1/2" x 9 1/2" x 3 1/2"
L20-313	15 1/2" x 9 1/2" x 3 1/2"
L20-314	15 1/2" x 9 1/2" x 3 1/2"
L20-312	15 1/2" x 9 1/2" x 3 1/2"

PORTABLE FIREMAN'S HANDSET AND TELEPHONE RECEPTACLES

MODEL L20-320 handset comes complete with coiled cord and three circuit plug. It plugs into all standard phone plug receptacles. These receptacles are available in recessed or surface, break-glass or exposed jack versions. Recessed versions do not include outlet box.

MODEL NO.	STYLES	DIMENSIONS	DESCRIPTION
L20-330	RECESSED	2 3/4" x 4 3/8"	EXPOSED JACK
L20-331	RECESSED	2 3/4" x 4 3/8"	"BREAKGLASS"
L20-340	SURFACE	2 3/4" x 4 3/8" x 2 1/2" D	EXPOSED JACK
L20-341	SURFACE	2 3/4" x 4 3/8" x 2 1/2" D	"BREAKGLASS"

BAFFLES, ENCLOSURES, PLASTER RINGS FOR RE-ENTRANT HORNS

L20-100 — Attractive round grille. CRS construction with baked white enamel finish. Mounts Atlas APF15 (or APF15-T when L20-201 enclosure is used). 11" dia. x 3/8" deep.

L20-101 — Attractive square grille. CRS construction with baked white enamel finish. Mounts Atlas APF15 (or APF15-T when L20-211 enclosure is used). 10 1/2" sq. x 3/8" deep.

L20-102 — Surface mount unidirectional corridor baffle for Atlas AP15 and AP15-T. Baked white enamel housing with contrasting black base. 7 5/8" dia. x 6" deep x 8 3/4" projection.

L20-200 — Recessed 20 ga. CRS enclosure for L20-100 grille. Four combination Knockouts. Undercoated to prevent resonance. Finished in rust preventative coating. 8 1/8" dia. x 4" deep.

L20-201 — Same as L20-200, except 6" deep.

L20-210 — Recessed 20 ga. CRS square enclosure for L20-101 grille. Four combination knockouts. Undercoated to prevent resonance. Finished in rust preventative coating. 9 5/8" sq. x 3 3/4" deep.

L20-211 — Same as L20-210 except 6" deep.

L20-212 — Attractive square surface enclosure for mounting L20-101 grille. Knockout and mounting holes located in top. Finished in baked white enamel. 10 5/8" sq. x 4" deep.

L20-213 — Same as L20-212 except 6" deep.

L20-220 — Round plaster ring for L20-100 grille. 8 3/8" dia. x 5/8" deep.

L20-221 — Same as L20-220 except complete with mounting ears for 16" stud centers.

L20-222 — Same as L20-220 except complete with mounting ears for 24" lay-in tile.

L20-223 — Square plaster frame for L20-101 grille. 9 3/8" sq. x 1/2" deep.

L20-224 — Same as L20-223 except complete with mounting ears for 16" stud centers.

L20-225 — Same as L20-223 except complete with mounting ears for 24" lay-in tile.

DUAL VOICE COIL SPEAKER

Many emergency communication systems require voice coil supervision. Soundolier has designed a quality 8" loudspeaker which meets this need. Model L20-400 will mount to all standard 8" baffles in our line. Available with factory mounted and wired transformers. See LT-70 or LT-25 for transformer specifications.

MODELS	TRANS. PRIMARY
L20-400-7	70.7 VOLTS
L20-400-2	25 VOLTS

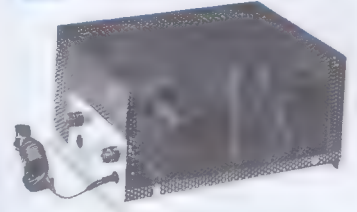
RESPONSE70-10,000 HZ
MAG. WT.10 OZ CERAMIC
V.C. IMP.8 OHMS
SENSITIVITY97 DB
POWER HANDLING9 WATTS (RMS)
DEPTH3"

POWER SUPPLIES / RELAY PAKS

REGULATED POWER SUPPLY

SPECIFICATIONS	MODEL RPS24-10	MODEL RPS24-20	MODEL RPS24-40
REGULATION (NO LOAD TO FULL LOAD)	350MV	150MV	150MV
INPUT POWER	105-125 VAC, 60 CPS	105-125 VAC, 60 CPS	105-125 VAC, 60 CPS
MAX. POWER	185 WATTS	93 WATTS	47 WATTS
OUTPUT VOLTAGE	22 TO 32 VDC	22 TO 32 VDC	22 TO 26 VDC
WEIGHT	13 1/2 LBS.	10 LBS.	6 1/2 LBS.
TEMPERATURE	AMBIENT 0-50°C	AMBIENT 0-50°C	AMBIENT 0-50°C
RANGES	(22-26 VDC) (26-32 VDC)	(22-26 VDC) (26-32 VDC)	(22-26 VDC)

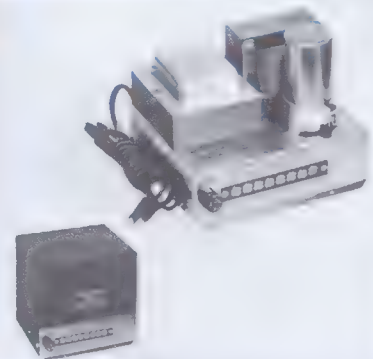
RPS24 SERIES is a series regulated DC power supply offered in three sizes. The RPS24-40 has a voltage range of 22 to 32 volts and delivers 4 amperes. The RPS24-20 has a voltage range of 22 to 32 volts and delivers 2 amperes. The RPS24-10 has a voltage range of 22 to 26 volts and delivers one ampere. The RPS24 series is ideal for dial telephone systems and transistorized equipment.



AC-DC POWER SUPPLY

SPECIFICATIONS	
INPUT POWER	117 VAC, 60 CYCLES, 18 WATTS
OUTPUT VOLTAGE*	NOMINAL 24 VDC AND 24 VAC AT 2 AMPS
MODEL	CFPS24-20
MAX. POWER	185 WATTS
OUTPUT VOLTAGE	22 TO 32 VDC
WEIGHT	10 LBS.
TEMPERATURE	AMBIENT
RANGES	(22-26 VDC) (26-32 VDC)

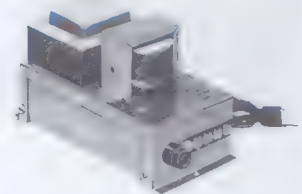
MODEL FPS24-20 is a combination low voltage AC-DC power supply with a convertible DC and a multiple AC output. The DC output delivers 24 volts, 12 volts and 6 volts at 2 amperes while the AC output simultaneously delivers 2 amperes at each voltage listed. DC voltage tap conversion is easily accomplished through a plug-in lead. Suitable in some telephone, intercom and annunciator applications. Available with a ventilated cover — see model CFPS24-20.



DC POWER SUPPLY

SPECIFICATIONS	
MODEL PS24-20	117 VAC, 60 CYCLES, 18 WATTS
OUTPUT POWER	NOMINAL 24 VDC AT 2 AMPS
MODEL	PS24-05
MAX. POWER	117 VAC, 60 CYCLES, 18 WATTS
OUTPUT POWER	NOMINAL 24 VDC AT 1/2 AMP
RIPPLE	LESS THAN 3% AT FULL LOAD
SIZE	6 1/2" x 3 1/2" x 2"

MODEL PS24-20 is a convertible DC power supply delivering 2 amperes at 24 volts, 12 volts or 6 volts. Conversion is easily accomplished through a plug-in lead. The filter is designed with a choke input for improved regulation. The primary of the transformer is fused and the unit is shipped complete with a 6 ft. power cord. The Model PS24-05 is a DC power supply delivering 1/2 amperes at 24 volts. Similar to the PS24-20 except the choke is removed and the extra taps are not available.



DC POWER SUPPLIES — HEAVY DUTY

SPECIFICATIONS	PS24-100	PS24-50	PS24-32
INPUT VOLTAGE	117 VAC	117 VAC	117 VAC
INPUT POWER	240 WATTS	144 WATTS	96 WATTS
OUTPUT POWER	24 VDC	24 VDC	24 VDC
MAX. AMP.	10 AMPS	5 AMPS	3.2 AMPS
WEIGHT	10 LBS.	5 LBS.	3 LBS.
TEMPERATURE	AMBIENT	AMBIENT	AMBIENT
RANGES	(22-26 VDC) (26-32 VDC)	(22-26 VDC) (26-32 VDC)	(22-26 VDC)
SIZE	13" x 9" x 6 1/2"	9 1/2" x 7" x 5 1/4"	9 1/2" x 7" x 5 1/4"

MODELS PS24-100, PS24-50 and PS24-32 power supplies are capable of delivering 10 amps, 5 amps and 3.2 amps respectively at 24 VDC. All models are fused in the input and output — output fuses are defeat proof. All models have solid state silicon rectifiers, choke input filters and bleeder resistors for better regulation. All terminals are barrier type, rubber feet are provided, each have two keyhole slots on the back and all are completely covered. Positive and negative terminals are isolated from ground. Complete with six foot power cord.

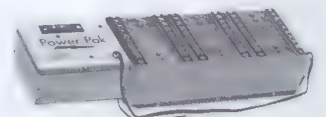
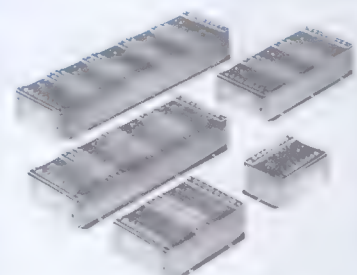


DC RELAY PAKS AND POWER PAKS

SPECIFICATIONS		
MODEL	RELAYS	8 POINT SCREW TERMINALS
RP22-2	2	2
RP22-4	4	4
RP22-6	6	6
RP22-8	8	8
RP22-10	10	10

The **SERIES RP22 "RELAY PAKS"** consist of completely enclosed sets of relays which are internally wired to eight point screw terminal strips. They are available in multiples of two relays and up to 10 per pak. However, each relay is individually terminated on an eight point screw terminal strip which is silk screened with the proper nomenclature.

The RP22 Series "RELAY PAKS" utilize the revolutionary Soundolier "Instant Mount" technique. Each chassis is equipped with double face pressure sensitive foam tape. Tools and unsightly screw heads are eliminated. Mounting holes are provided if "Instant Mount" is not utilized.



PS24-07 SPECIFICATIONS	
INPUT POWER	117 VAC, 60 CYCLES, 18 WATTS
OUTPUT POWER	NOMINAL 24 VDC AT 7 AMPS
MAX. AMP.	7 AMPS
TERMINALS	PLUS, MINUS, GROUND (MINUS ISOLATED FROM GROUND)

The **PS24-07** power pak is specifically designed to mount to the RP22 series — see photograph.

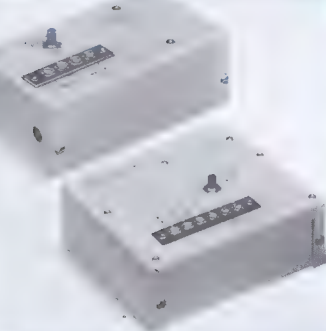
ELECTRONIC ACCESSORIES



POWER SUPPLY/RELAY MODULE PSRM-1

The Model PSRM-1 is a chassis containing a DPDT relay with a built-in power supply. The relay is terminated on a six position terminal strip and two additional terminals are provided for an external switch to actuate the relay. The PSRM-1 utilizes the Soundolier "Instant Mount" technique. (See Series RP for description.) The unit is furnished complete with a 6 ft. power cord.

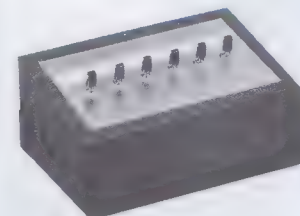
SPECIFICATIONS	
INPUT POWER	117 VAC 60 CYCLES 4 WATTS
POWER SUPPLY OUTPUT	24 VDC 150 MA
RELAY TYPE	24 VDC. DPDT
RELAY CONTACTS	SILVER ALLOY—GOLD FLASHED
RELAY CONTACT RATING	5 AMPS
RELAY POWER REQUIREMENT	24 VDC. 60 MA
SIZE	4" x 4 3/8" x 2 1/4"



ZONE GENERATORS GPS750, GPS610, G610

The GPS750, GPS610 and G610 tone generators are completely solid state. The GPS750 and GPS610 have built-in power supplies. The G610 does not. The GPS750 produces a steady tone, pulse tone or a siren tone. The GPS610 and G610 produce only a steady tone. All tones are adjustable. All generators are actuated by an external SPST switch. On the GPS-750, the siren takes precedence over the pulse and the pulse takes precedence over the steady. A square wave output is available on the GPS750.

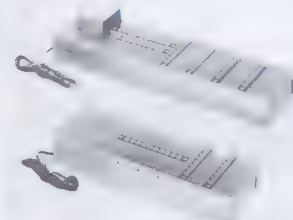
SPECIFICATIONS			
	GPS-750	GPS-610	G-610
OUTPUT TONES	STEADY, PULSED, SIREN	STEADY	STEADY
FREQUENCY	600-1000 HZ	600-1000 HZ	60-1000 HZ
OUTPUT LEVEL	1 VOLT/10K	1 VOLT/5K	1 VOLT/5K
SEMI CONDUCTORS	5 TRANSISTORS 4 DIODES	2 TRANSISTORS 1 DIODE	2 TRANSISTORS
CONTROL	OUTPUT LEVEL TONE FREQ PULSE DURATION SWEEP FREQ	OUTPUT LEVEL TONE FREQ	OUTPUT LEVEL TONE FREQ
POWER REQUIRED	117 VAC	117 VAC	22-26 VDC/4 MA
DIMENSIONS	6 3/4" x 5 1/2" x 2 1/4"	6 3/4" x 3 3/8" x 2 1/4"	5 1/4" x 3 3/8" x 2 1/4"



COMMUNICATIONS CONTROL CENTER MPC SERIES

The Series MPC is a communications control center featuring DPDT switches mounted at the factory on a blank panel set in a handsome wood cabinet. The panel is .050 aluminum with a satin finish. The switches exhibit black plastic paddle handles molded to the lever. Name strips are provided with a clear plexiglass finish. The MPC-106 has six mounted switches, the MPC-112 has twelve mounted switches. The MPC-206 and MPC-212 are factory wired (see specification sheet). The MPC-100 has a blank panel without switches. All models are designed to be used with the PSR series.

SPECIFICATIONS	
CABINET	MATERIAL 3/4" SOLID HARDWOOD
JOINTS	INTERLOCKED AND ELECTRONICALLY GLUED
FEET	RUBBER
FINISHES	SIMULATED HAND-RUBBED WALNUT (-W) SIMULATED HAND-RUBBED FRUITWOOD (-F)
SWITCH	MATERIAL050 ALUMINUM
PANEL	FINISH SATIN CLEAR
	SWITCH IDENT. CLEAR PLEXIGLASS (EXCEPT MPC-100)
(EXCEPT MPC-100)	TYPE DPDT, 2 POSITION, LOCKING
	CONTACT RATING 3 AMPS
	CONTACT MATERIAL FINE SILVER
TERMINAL PANEL	TERMINALS 16 POINT, SCREW TYPE (MPC-206)
(MPC-200 ONLY)	28 POINT, SCREW TYPE (MPC-212)
MAX DIM	4" x 9 7/8" x 6 3/8"



ZONE PAGE POWERED RELAY PAK PSR SERIES

The Series PSR is a zone page powered relay pak with six or twelve factory mounted relays wired to an internal power supply. Excess current is available for external relays or lights. Any relay may be easily converted to an all page relay by connecting the off bus to the selected relay switch output (see specification sheet). The PSR-206 has six relays while the PSR-212 has twelve. All terminals are easily identified by a clear silk screened diagram. Complete with a 6 ft. power cord.

SPECIFICATIONS		
	MODEL PSR-212	MODEL PSR-206
INPUT POWER	117 VAC 60 CYCLES 12 WATTS	117 VAC 60 CYCLES 12 WATTS
OUTPUT POWER	24 VDC. 1 AMP	24 VDC. 500 MA
OF SUPPLY		
RELAYS (NUMBER)	12	6
RELAY TYPE	24 VDC. DPDT	24 VDC. DPDT
RELAY COIL	NOMINAL 60 MA	NOMINAL 60 MA
CURRENT		
RELAY CONTACT RATING	5 AMPS	5 AMPS
SIZE	17 1/8" x 4 3/8" x 2 1/4"	13 1/4" x 4 3/8" x 2 1/4"



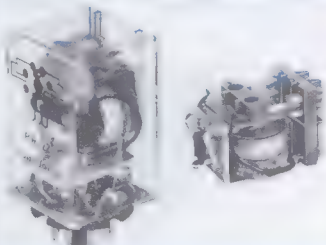
RELAY CHASSIS PRC SERIES

The Model PRC-1 is a single relay chassis which features a single socket for the PR-22, thus providing a convenient means of connecting to the contacts of a plug-in relay. The chassis has eight point screw terminals completely wired to the socket at the factory. The terminals are clearly labeled for quick contact identification. The CRS chassis is finished in a cadmium plate with a gold iridescent finish.

This model PRC-2 is a chassis similar to the PRC-1 but is enlarged to accommodate two plug-in relays. Of

course, you may use only one socket and relay and utilize the second as a spare.

SPECIFICATIONS		
	PRC-1	PRC-2
SOCKETS (OCTAL)	1	2
DIMENSIONS	4 1/2" x 3 3/8" x 1 3/4"	6 3/4" x 3 3/8" x 1 3/4"
TERMINAL STRIPS	1-6 TERMINAL 1-2 TERMINAL	2-8 TERMINAL



PLUG-IN AND GENERAL PURPOSE RELAYS PR-22, OR-22

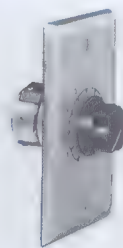
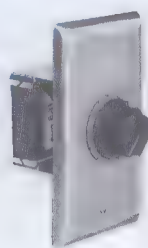
The Model PR-22 is a plug-in relay utilizing a 24 VDC DPDT relay. It is enclosed in a plastic dust cover with the contact configuration silk screened on the body.

The Model OR-22 is a general purpose DPDT 24 VDC relay.

PR-22 SPECIFICATIONS	
TYPE	24 VDC DPDT, PLUG-IN
DIMENSIONS	2 1/2" x 1 3/8" x 1 3/8"
CONTACTS (MATERIAL)	SILVER ALLOY—GOLD FLASHED
CONTACTS (RATING)	5 AMP
POWER REQUIREMENTS	24 VDC 60 MA
OTHER SPECIFICATIONS	ENCLOSED PLUG-IN TYPE

OR-22 SPECIFICATIONS	
DIMENSIONS	1 3/8" x 1 1/2" x 1 1/2"
ALL OTHER SPECIFICATIONS SAME AS ABOVE EXCEPT FOR PLUG-IN CASE	

PLATE MOUNTED ATTENUATORS



MODEL	AT-10	AT-35	AT-75	LA-8	LA-1500	VC-5K	VC-50
TYPE	AUTO-TRANS	AUTO-TRANS	AUTO-TRANS	LPAD	LPAD	POT.	POT
POWER RATING	3 WATTS	3 WATTS	3 WATTS	3 WATTS	3 WATTS	3 WATTS D.C.	3 WATTS D.C.
FUNCTION	CONT.	CONT.	CONT.	CONT.	CONT.	CONT.	CONT.
ATTENUATION	10 DB	10 DB	10 DB	CONT.	CONT.	CONT.	CONT.
TOTAL ATTENUATION	10 DB	10 DB	10 DB	20 DB (MIN.)	20 DB (MIN.)	—	—
IMPEDANCE	—	—	—	8 OHMS	1500 OHMS	5K OHMS	50 OHMS
MOUNTING PLATE	1 GANG	2 GANG	2 GANG	1 GANG	1 GANG	1 GANG	1 GANG
RESISTANCE	—	—	—	8 OHMS	1500 OHMS	5K OHMS	50 OHMS

SERIES AT auto-transformer attenuators are the quality and convenience approach to sound design. Impedance calculations are unnecessary. The AT series may be used with any load on either 70.7 or 25 volt lines. Excellent frequency response and low insertion loss. Attenuation is accomplished in ten steps with positive off position. No stop between maximum and off position thus preventing damage to the switch. The switch contacts are silver plated for noise free operation. Includes stainless steel plate, stamped and filled dial scale and skirled black knob.

SERIES LA L-pads utilize the superior matching capabilities of the L pad configuration. They are available in two impedances, 1500 ohms and 8 ohms, and are capable of handling 3 watts D.C. The 8 ohm pads are used in voice coil circuits while the 1500 ohm pads are used in the line circuits. The pads are continuously variable (no stops) thus preventing possible damage. Complete with stainless steel plate, stamped and filled dial scale and skirled black knob.

SERIES VC potentiometer attenuators are designed for low power speaker circuits when an economical control is needed. Available in two impedances—50 ohms for voice coil circuit and 5000 ohms for line circuits and capable of handling 3 watts D.C. Complete with stainless steel plate, dial scale and black knob.

The attenuation curve is steeper when the auto-transformers are used on a 25 volt line.

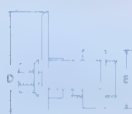
(1) Auto-transformers have two steps of 6 db before the off position.

*Audio rating

DIMENSIONAL SPECIFICATIONS



SIDE VIEW



TOP VIEW



SIDE VIEW

MODEL	A	B	C	D	E
AT-75	4 1/2"	2 3/4"	2 3/8"	4 1/8"	2 3/4"
AT-35	4 1/2"	2 1/4"	2 1/8"	4 1/8"	2
AT-10	4 1/2"	2 1/8"	2 1/8"	2 3/4"	1 11/16"
LA-1500 LA-8	4 1/2"	1 1/4"	1 1/4"	2 3/4"	—
VC-5K VC-50	4 1/2"	5/8"	1 1/4"	2 3/4"	1 1/4"

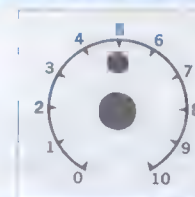
DELUXE PRIORITY ATTENUATORS



PA SERIES priority attenuators are designed to allow the user to set the program level on selected emergency, paging, etc. signals at the amplifier and to by-pass the effect of the attenuator. All Soundolier attenuators are available with the priority program feature.

The SPDT relay incorporated in the PA series is operated with 24 VDC at 5 ma. A protective cover on the relay insures a long, trouble free life. Five color coded, stripped and tinned leads are provided for easy hook-up. All other specifications are the same as the standard attenuators described above. TO ORDER— simply add -PA after the model number of the standard attenuator. Example: AT10-PA, LA1500-PA, etc.

RACK MOUNT FEATURE



All Soundolier attenuators are available also with a 2" square dial scale instead of the regular wall plate. Ideal for rack panel mounting. TO ORDER— add -RM after the attenuator model number. Example: AT10-RM, LA1500-RM, etc.

LOUDSPEAKERS | 8" COAXIAL | 4" HIGH COMPLIANCE | 8" CONVENTIONAL | 8" DUAL CONE



Soundolier offers a wide variety of quality loudspeakers designed to meet the most demanding specifications. Models include an 8" coaxial, 4" high compliance, 8" conventional cone and 8" dual cone. Consult your Soundolier specification sheet for complete detailed specifications. Soundolier loudspeakers are available with mounted and wired transformers. Transformer specifications are listed under constant voltage transformers below, and combination speaker-transformer models are listed in the chart at bottom of page.

MODELS	C803	FC104	C5	C10
SPEAKER SIZE	LF REPRODUCER 8" HF REPRODUCER 3"	4"	8"	8"
SPEAKER TYPE	COAXIAL	HIGH COMPLIANCE	CONVENTIONAL	DUAL CONE
RESPONSE	40Hz-18KHz	60Hz-18KHz	30Hz-15KHz	30Hz-19KHz
MAGNET WT. (OZ.)	LF—10.0 CERAMIC HF—2.35 CERAMIC	10.0 CERAMIC	5.0 CERAMIC	10.0 CERAMIC
V.C. IMPEDANCE	8 OHMS	8 OHMS	8 OHMS	8 OHMS
V.C. DIAMETER	LF REPRODUCER 1" HF REPRODUCER 7/16"	1"	1"	1"
DEPTH	3 1/4"	2 1/4"		

CONSTANT VOLTAGE TRANSFORMERS

Soundolier's constant voltage transformers include audio grade models, standard grade models and intercom (45 ohm) models.

Consult combination speaker-transformer chart below for models available pre-mounted on loudspeakers listed above.

MODEL NO.	PRI. VOLTS	FREQUENCY RESPONSE	PRIMARY TAPS	SECONDARY IMPEDANCE	INSERTION LOSS	PRIMARY TERMINATIONS	SECONDARY TERMINATIONS	CORE SIZE	POWER RATING
HT-327	70.7	±1db—30Hz-15KHz	8, 16, & 32W	4 & 8 OHMS	.6db	6" COLOR CODED	6" COLOR CODED	1 1/4" x 1 1/4"	32 WATTS
HT-167	70.7	±1db—40Hz-15KHz	4, 8, & 16W	4 & 8 OHMS	.6db	6" COLOR CODED	6" COLOR CODED	1" x 1"	16 WATTS
HT-87	70.7	±1db—50Hz-15KHz	1, 2, 4 & 8W	4 & 8 OHMS	.6db	6" COLOR CODED	6" COLOR CODED	1" x 3/4"	8 WATTS
HT-82	25	±1db—50Hz-15KHz	1, 2, 4 & 8W	4 & 8 OHMS	.6db	6" COLOR CODED	6" COLOR CODED	1" x 3/4"	8 WATTS
HT-47	70.7	*1db—60Hz-12KHz	.5, 1, 2, & 4W	8 OHMS	1.0 db	6" COLOR CODED	6" COLOR CODED	5/8" x 5/8"	4 WATTS
HT-42	25	±1db—60Hz-12KHz	.5, 1, 2, & 4W	8 OHMS	1.0 db	6" COLOR CODED	6" COLOR CODED	5/8" x 5/8"	4 WATTS
LT-70	70.7	±1.5db—100Hz-10KHz	.5, 1, 2, & 5W	8 OHMS	1.5 db	6" COLOR CODED	3" SELF LEADS	5/8" x 5/8"	5 WATTS
LT-25	25	±1.5db—100Hz-10KHz	.5, 1, 2, & 5W	8 OHMS	1.5 db	6" COLOR CODED	3" SELF LEADS	5/8" x 5/8"	5 WATTS
HX32-4570	70.7	+2db—150Hz-9KHz	.5 & 1W	45 OHMS	1.5 db	6" COLOR CODED	4" COLOR CODED	3/8" x 3/8"	1 WATT
HX33-4525	25	±2db—150Hz-9KHz	.5 & 1W	45 OHMS	1.5 db	6" COLOR CODED	4" COLOR CODED	3/8" x 3/8"	1 WATT
AF-140	—	±1db 30Hz-15KHz	—	—	.3db	6" COLOR CODED LEADS	—	1 3/8" x 1 3/8"	140 WATTS

*29 GA. GRAIN ORIENTED STEEL—M6 AUDIO GRADE

COMBINATION SPEAKER-TRANSFORMER MODELS AVAILABLE

	C803	FC104	C5	C10
HT-87	C803-T87	N/A	C5-T87	C10-T87
HT-82	C803-T82	N/A	C5-T82	C10-T82
HT-47	C803-T47	FC104-T47	C5-T47	C10-T47
HT-42	C803-T42	FC104-T42	C5-T42	C10-T42
LT-70	C803-T70	FC104-T70	C5-T70	C10-T70
LT-25	C803-T25	FC104-T25	C5-T25	C10-T25

PACKAGE SERIES

BAFFLES/SPEAKERS/TRANSFORMERS
ASSEMBLED

Soundolier, the originator of the pre-packed baffle/speaker/transformer, offers the most complete line of packages in the industry. Twenty different baffles and two quality 8" loudspeakers and transformer combinations are available.

First, the entire package is competitive in price with the individual components. Thus, the prepackaging becomes an extra bonus. Second, the prepackaging feature saves you the

labor and material expense of repacking for the job site. Installation costs are further reduced through the use of our conveniently stripped and tinned primary leads and the wire nuts included with each package. Third, your purchase of all three components can be made with one order from one source. Finally, your choices seem endless. The combinations shown below are available as standard items. Special combinations are available upon request and at a definite price advantage.

SPEAKER-TRANSFORMER SPECIFICATIONS

	SPEAKER D	SPEAKER G
SIZE	8"	8"
MAGNET WEIGHT	10 oz.	5 oz
MAGNET MATERIAL	FERRITE	FERRITE
V. C. DIAMETER	1"	1"
V. C. IMPEDANCE	8 OHMS	8 OHMS
FLUX DENSITY	10,000 GAUSS	9,200 GAUSS
SENSITIVITY	97 db	96 db
WATTS (PROGRAM)	25	15
RESPONSE	30Hz-19KHz	30Hz-15KHz
DEPTH	3"	2 1/8"
TRANS. VOLTS	70.7 (25)*	70.7 (25)*
CORE SIZE	5/8 x 5/8	5/8 x 5/8
PRI TAPS	C, .5, 1, 2, 5	C, .5, 1, 2, 5

*NOTE: SPECIFY 70.7 VOLTS OR 25 VOLTS

HOW TO ORDER

BAFFLE	RECOMMENDED ENCLOSURE	RECOMMENDED PLASTER RING	SPEAKER D	SPEAKER G
51-8	95-8, 96-8, 199-8, Q408	75-8, 75-8E1, 75-8E2, P77-8, P78-8, 76-8, 76-8E1, 76-8E2, 81-8	D51-8	G51-8
60-8	95-8, 96-8, 199-8, Q408	75-8, 75-8E1, 75-8E2, P77-8, P78-8, 76-8, 76-8E1, 76-8E2, 81-8	D60-8	G60-8
61-8	95-8, 96-8, 199-8, Q408	75-8, 75-8E1, 75-8E2, P77-8, P78-8, 76-8, 76-8E1, 76-8E2, 81-8	D61-8	G61-8
62-8	95-8, 96-8, 199-8, Q408	75-8, 76-8, P77-8, P78-8, 75-8E1, 76-8E1, 75-8E2, 76-8E2, 81-8	D62-8	G62-8
67-8	95-8, 96-8, Q408	75-8, 75-8E1, 75-8E2, P77-8, P78-8, 76-8, 76-8E1, 76-8E2, 81-8	D67-8	G67-8
68-8	95-8, 96-8, 199-8, Q408	75-8, 75-8E1, 75-8E2, P77-8, P78-8, 76-8, 76-8E1, 76-8E2, 81-8	D68-8	G68-8
161-8	198-8, SE175-4	72-8, 72-8E1, 72-8E2	D161-8	G161-8
164-8	191-78, SM191-78, Q418, Q438, Q458	75-8, 75-8E1, 75-8E2, P77-8, P78-8, 76-8, 76-8E1, 76-8E2, 81-8	D164-8	G164-8
169-8	193-8	73-8, 73-8E1, 73-8E2	D169-8	G169-8
110-8	—	—	D110-8	G110-8
23-8	—	—	D23-8	G23-8
24-8	—	—	D24-8	G24-8
210-8	—	—	D210-8	G210-8
260-8	—	—	D260-8	G260-8
410-8	—	—	D410-8	G410-8
415-8	—	—	D415-8	G415-8
420-8	—	—	D420-8	G420-8
510-8	—	—	D510-8	G510-8
512-8	—	—	D512-8	G512-8
752-8	T198-8, SE175-4	T72-8, T72-8E1, T72-8E2	DT620-8	

*REQUIRES ENCLOSURES OF 5" DEPTH

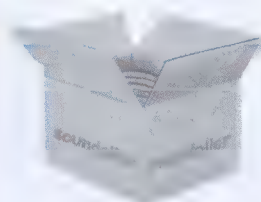
MOUNTED
TRANSFORMER

FINEST
QUALITY
SPEAKER



SPEAKER D

PRE-
PACKAGED
FOR JOB SITE



STRIPPED AND TINNED
PRIMARY LEADS

WIRE NUTS
FURNISHED



SPEAKER G

MICROPHONE RECEPTACLE FLOOR BOX AND COVER

MRB WITH RECEPTACLE PUNCH OUT ONLY

MODEL NO.	MOUNTS FOLLOWING CONNECTORS
MRB-1	CANNON: XLR-3-13, XLR-3-14, XLR-4-13, XLR-4-14 SWITCHCRAFT: C3M, C3F, C4M, C4F AMPHENOL: 91-855, 91-856, 91-859, 91-860
MRB-2	CANNON: XLR-3-13N, XLR-3-14N, XLR-4-13N, XLR-4-14N
MRB-3	SWITCHCRAFT: B3M, B4M
MRB-4	HUBBELL: 7586

MRB COMPLETE WITH CONNECTOR INSTALLED

MODEL NO.	INSTALLED CONNECTOR MODEL NO.
MRB-1-13	SWITCHCRAFT: C3F
MRB-2-13N	SWITCHCRAFT: B3F
MRB-1-14	SWITCHCRAFT: C3M
MRB-2-14N	SWITCHCRAFT: B3M

OPTIONAL CARPET RING FOR MRB SERIES

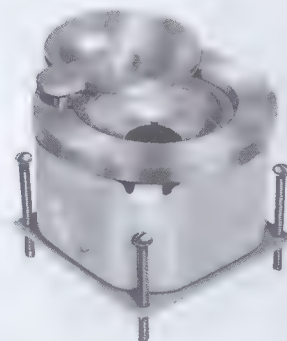
MODEL NO.	DESCRIPTION
MRB-TR	CARPET TRIM RING

The Model MRB microphone receptacle floor box and cover outdates all other models of this type.

Tools are not required to lift the lid . . . therefore no lost lids! The unit is furnished with a mounting plate punched for a connector of your choice or with a connector installed at the factory. A matching carpet ring is optional.

Four level legs are provided on a 4" octagon box.

The lid and trim cover are cast commercial red brass with a brushed finish.



**FD SERIES—PRE-ASSEMBLED
BAFFLE/SPEAKER/TRANSFORMER**

This value cannot be duplicated in the sound industry. You have a choice of five attractive trim rings, combined with a high quality 8" loudspeaker and transformer completely assembled, ready to install. The loudspeaker is wide in range and low in distortion and has a heavy 5 ounce ceramic magnet. The transformer is a large 5 watt unit with a $\frac{5}{8}$ " x $\frac{5}{8}$ " core. Tinned and stripped primary leads make the installation easy and profitable. All components are high quality; the prepackaging is a bonus — and the price is so low that the purchasing of the speaker, baffle and transformer as individual components is now obsolete in our industry.

All FD models mount to 95-8, 96-8, 199-8, Q408 enclosures, 75-8, 75-8E1, 75-8E2, 76-8, 76-8E1, 76-8E2, P77-8, P78-8 plaster rings or the new 81-8 T-Bar bridge.

FD SPEAKER-TRANSFORMER SPECIFICATIONS

SIZE AND DESCRIPTION	8" ROUNDS
MAGNET	5 OZ. CERAMIC
V. C. DIAMETER	$\frac{3}{4}$ "
V. C. IMPEDANCE	8 OHMS
FLUX DENSITY	9,200 GAUSS
SENSITIVITY	96 DB
POWER HANDLING CAPACITY	15 WATTS PROGRAM
FREQUENCY RESPONSE	30Hz-15KHz
DEPTH	$3\frac{1}{2}$ "
TRANSFORMER-VOLTS	70.7 (or 25)
TRANSFORMER SIZE	$\frac{5}{8}$ " x $\frac{5}{8}$ "
PRIMARY TAPS	C, .5, 1, 2, 5 WATTS

MODEL NO.	TRIM RING	TRANSFORMER	STD. PACK
FD70A	60-8	70.7 V	6
FD25A	60-8	25 V	6
FD70W	51-8	70.7 V	6
FD25W	51-8	25 V	6
FD70M222 (A or W)	M222	70.7 V	6
FD25M222 (A or W)	M222	25 V	6
FDP900-70	P900	70.7 V	5
FDP900-25	P900	25 V	5

NOTE: ALL FD MODELS MUST BE ORDERED IN STANDARD PACKAGES

**SV SERIES—PRE-ASSEMBLED
BAFFLE/SPEAKER/TRANSFORMER
WITH WIRED VOLUME CONTROL**

Soundolier's SV Series is a quality pre-assembled package consisting of your choice of 5 popular grilles, wide range 8" loudspeaker, transformer and a 50 ohm potentiometer volume control. The specifications on the loudspeaker and transformer are identical to the FD Series above.

The volume control is wired to the voice coil and is available in two types — with an attractive white knob or screw-driver adjust type through an access hole.

All SV models mount to 95-8, 96-8, 199-8, Q408 enclosures, 75-8, 75-8E1, 75-8E2, 76-8, 76-8E1, 76-8E2, P77-8, P78-8 plaster rings or the new 81-8 T-Bar bridge.

SV1-7K (2K)

SV3-7S (2S)

SV5-7K (2K)

50 OHM POT
MOUNTED IN
CENTER OF
GRILLE INCLUDES
WHITE KNOB.

HOW TO ORDER

50 OHM POT
RECESSED
BEHIND GRILLE,
SCREWDRIVER
ADJUST

MODEL NO.	TRANSFORMER	GRILLE DESCRIPTION	MODEL NO.
SV1-7K	70.7 V	51-8, CRS. SEMI-GLOSS WHITE ENAMEL	SV1-7S
SV1-2K	25 V		SV1-2S
SV2-7K	70.7 V	60-8, ALUMINUM SATIN FINISH	SV2-7S
SV2-2K	25 V		SV2-2S
SV3-7K	70.7 V	M222, ALUMINUM, SATIN FINISH	SV3-7S
SV3-2K	25 V		SV3-2S
SV4-7K	70.7 V	M222, ALUM., SEMI-GLOSS WHITE ENAMEL	SV4-7S
SV4-2K	25 V		SV4-2S
SV5-2K	25 V	POLYSTYRENE PLASTIC	SV5-2S

FLOOR, WALL AND DESK CABINETS

CABINET RELAY RACKS

SERIES 100 cabinet relay racks are designed for standard 19" panels. Constructed of 16 ga. CRS through-out. Rear door lock and low profile handle included. Panel mounting angles are tapped to accept 10-32 pan head screws included. Louvers are internal type for improved ventilation. Iron phosphate coated for rust prevention and paint adhesion. Knockouts located at rear top and bottom. If no color is specified, Soundolier grey hammertone will be furnished. Consult your price sheet for complete list of colors available. Shipped knocked down. Hardware and instructions included.

OPTIONS:

Series 110 Front Door — mounted on a ridged continuous hinge. May be ordered with or without cabinet. See specification chart for model numbers.

Series PT Panel Trim — stainless steel trim for covering panel mounting hardware. Complete with fasteners. Specify model PT-36, PT-42, PT-61, PT-70 or PT-77.

MODEL NO.	WIDTH	HEIGHT	DEPTH	PANEL SPACE	OPTIONAL FRONT DOOR
100-36	22 $\frac{3}{8}$ "	41"	18 $\frac{1}{2}$ "	36.75"	110-36
100-42	22 $\frac{3}{8}$ "	46 $\frac{1}{16}$ "	18 $\frac{1}{2}$ "	42.00"	110-42
100-61	22 $\frac{3}{8}$ "	65 $\frac{7}{16}$ "	18 $\frac{1}{2}$ "	61.25"	110-61
100-70	22 $\frac{3}{8}$ "	74 $\frac{1}{16}$ "	18 $\frac{1}{2}$ "	70.00"	110-70
100-77	22 $\frac{3}{8}$ "	81 $\frac{1}{16}$ "	18 $\frac{1}{2}$ "	77.00"	110-77



TRANSMITTER RACKS

SERIES 200 Transmitter Racks are designed to mount standard 19" panels. Constructed of 16 ga. CRS through-out. Front and rear door handles and locks provided (locks keyed different for security). Modern internal louvers for improved ventilation. The 11 ga. panel mounting angles are tapped for 10-32 screws (included) and are adjustable to any distance from front to rear. Panel angles are mounted to three sturdy channel slides on each side. Knockouts are located at rear top and bottom. If no color is specified, Soundolier grey hammertone will be furnished. Consult your price sheet for complete list of colors available. Shipped knocked down. Hardware and instructions included.

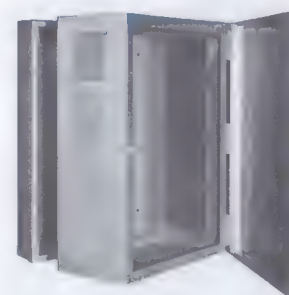
MODEL NO.	WIDTH	HEIGHT	DEPTH	PANEL SPACE
200-36	22 $\frac{3}{8}$ "	41"	18 $\frac{1}{2}$ "	36.75"
200-42	22 $\frac{3}{8}$ "	46 $\frac{1}{16}$ "	18 $\frac{1}{2}$ "	42.00"
200-61	22 $\frac{3}{8}$ "	65 $\frac{7}{16}$ "	18 $\frac{1}{2}$ "	61.25"
200-70	22 $\frac{3}{8}$ "	74 $\frac{1}{16}$ "	18 $\frac{1}{2}$ "	70.00"



SECTIONAL WALL MOUNTING CABINETS

SERIES 300 Sectional Wall Cabinets are designed for standard 19" rack panels. Entire cabinet is constructed of 16 ga. CRS. Back and front sections are one piece construction with angle braces at each corner. All seams and miters are electric welded and ground smooth. Center cabinet is strengthened with 16 ga. braces at each corner. Three larger models have 11 ga. mounting supports on back section. Removable pin hinges for easy assembly and hinges are bolted to cabinet section for greater strength. Knockouts and internal louvers are two Soundolier exclusives. Center section and rear section are secured with locking rods and alignment pins. Front section is complete with cylinder lock. All models have tapped panel mounting rails and 10-32 pan head screws for panel mounting. If no color is specified, Soundolier grey hammertone will be furnished. Consult your price sheet for complete list of colors available. Shipped completely assembled.

MODEL NO.	WIDTH	HEIGHT	REAR DEPTH	CENTER DEPTH	FRONT DEPTH	PANEL SPACE
300-17	20 $\frac{3}{8}$ "	20 $\frac{1}{2}$ "	4 $\frac{1}{2}$ "	11"	2"	17 $\frac{1}{2}$ "
300-21	20 $\frac{3}{8}$ "	24"	4 $\frac{1}{2}$ "	11"	2"	21"
300-28	20 $\frac{3}{8}$ "	31"	4 $\frac{1}{2}$ "	11"	2"	28"
300-42	20 $\frac{3}{8}$ "	45"	4 $\frac{1}{2}$ "	11"	2"	42"
300-61	20 $\frac{3}{8}$ "	64 $\frac{1}{4}$ "	4 $\frac{1}{2}$ "	11"	2"	61 $\frac{1}{4}$ "



DESK TOP CABINET

SERIES 400 desk top cabinets are completely assembled and constructed from 16 ga. CRS through-out. Each unit is equipped with a locking rear door which is mounted on sturdy slip joint hinges. Internal louvers and recessed panel angles give this compact cabinet a "clean look". The panel mounting angles are tapped for 10-32 screws. Designed to mount most Soundolier cabinet accessories.

If no color is specified, Soundolier grey hammertone will be furnished. Consult your price sheet for complete list of colors available.

MODEL NO.	WIDTH	HEIGHT	DEPTH	PANEL SPACE
400-12	22 $\frac{3}{8}$ "	15 $\frac{3}{4}$ "	15 $\frac{3}{8}$ "	12 $\frac{1}{4}$ "
400-17	22 $\frac{3}{8}$ "	20 $\frac{1}{2}$ "	15 $\frac{3}{8}$ "	17 $\frac{1}{2}$ "
400-24	22 $\frac{3}{8}$ "	27 $\frac{1}{2}$ "	15 $\frac{3}{8}$ "	24 $\frac{1}{2}$ "
400-31	22 $\frac{3}{8}$ "	34 $\frac{1}{2}$ "	15 $\frac{3}{8}$ "	31 $\frac{1}{2}$ "



FLOOR STANDING CABINETS

500 SERIES MULTI RACKS

SERIES 500 Multi Racks are designed for standard 19" rack panels and for maximum flexibility. Multi Racks can be readily joined together and because of its open side construction, wiring is simple and convenient. Each basic rack is supplied with a rear door complete with cylinder lock and low profile handle and slip-jointed hinges. Panel mounting rails are adjustable, manufactured of 11 ga. CRS and tapped for 10-32 screws. Construction of all other parts is 16 ga. CRS. Combination knockouts are located on the top, bottom and rear flanges. To facilitate cable entry, three 2¹³/₁₆" diameter holes are located toward the rear of the base of the rack.

Multi Racks are shipped welded and assembled. All metal surfaces receive an iron phosphate coating prior to finishing for rust prevention and maximum paint adhesion. If no color is specified, Soundolier grey hammertone will be furnished. Consult your price sheet for complete list of colors available.

OPTIONAL ACCESSORIES:

SERIES 510 Front Doors are easily field installed with either right or left hand hinging. The basic rack is furnished with a series of small knockouts on each side of the front return. These knockouts are easily removed and will accept the 10-32 self tapping screws furnished with the door. Complete with continuous piano hinge, lock and low profile handle.

SERIES 530 Mounting Rails — While each basic rack is supplied with one set of mounting rails, extra sets are available at customer's option.

SERIES 540 Side Panels — One pair of side panels is required to close either a single basic rack or multiple racks attached. The side panels install easily by hooking them over internal side channels in the basic rack.

MODEL NO.	DESCRIPTION	WIDTH	HEIGHT	DEPTH	PANEL SPACE
500-61	BASIC RACK*	22 3/8"	41"	18 1/2"	61 1/4"
500-70	BASIC RACK*	22 3/8"	70"	18 1/2"	70"
500-77	BASIC RACK*	22 3/8"	77"	18 1/2"	77"
510-61	FRONT DOOR	22 3/8"	41"	1"	61 1/4"
510-70	FRONT DOOR	22 3/8"	70"	1"	70"
510-77	FRONT DOOR	22 3/8"	77"	1"	77"
530-61	MTG. RAILS**	—	—	—	—
530-70	MTG. RAILS**	—	—	—	—
530-77	MTG. RAILS**	—	—	—	—
540-61	SIDE PANELS	18 1/8"	65 1/4"	5/8"	61 1/4"
540-70	SIDE PANELS	18 1/8"	70"	5/8"	70"
540-77	SIDE PANELS	18 1/8"	77"	5/8"	77"

*BASIC RACK INCLUDES REAR DOOR AND 1 PAIR TAPPED ADJUSTABLE MOUNTING RAILS

**ADDITIONAL MOUNTING RAILS ARE OPTIONAL

CABINET RELAY RACK—WELDED CONSTRUCTION

SERIES WA100 cabinet relay racks are constructed of 16 ga. CRS and are completely welded for additional strength and neater appearance. The panel mounting angles are tapped for 10-32 screws. The rear door is attached by slip-jointed hinges and includes lock and low profile handle. The entire cabinet receives an iron phosphate coating for rust prevention and excellent paint adhesion. If no color is specified, Soundolier grey hammertone will be furnished. Consult your price sheet for complete list of colors available.

MODEL NO.	WIDTH	HEIGHT	DEPTH	PANEL SPACE
WA100-36	22 3/8"	41"	18 1/2"	36 7/8"
WA100-42	22 3/8"	42"	18 1/2"	42 00"
WA100-61	22 3/8"	61 1/4"	18 1/2"	61 25"
WA100-70	22 3/8"	70"	18 1/2"	70 00"
WA100-77	22 3/8"	77"	18 1/2"	77 00"

TRANSMITTER RACK—WELDED CONSTRUCTION

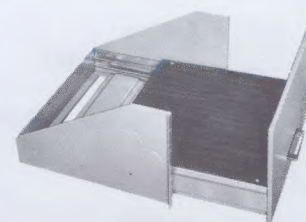
SERIES WA200 transmitter racks are constructed of 16 ga CRS and are completely welded for additional strength and neater appearance. The adjustable mounting angles are 11 ga. CRS and are tapped for 10-32 screws. The front and rear doors include locks and low profile handles. The locks are keyed differently for security. The entire cabinet receives an iron phosphate coating for rust prevention and excellent paint adhesion. If no color is specified, Soundolier grey hammertone will be furnished. Consult your price sheet for complete list of colors available.

MODEL NO.	WIDTH	HEIGHT	DEPTH	PANEL SPACE
WA200-36	22 3/8"	41"	18 1/2"	36 7/8"
WA200-42	22 3/8"	42"	18 1/2"	42 00"
WA200-61	22 3/8"	61 1/4"	18 1/2"	61 25"
WA200-70	22 3/8"	70"	18 1/2"	70 00"
WA200-77	22 3/8"	77"	18 1/2"	77 00"

PD SERIES PHONO DRAWERS

MODEL	PANEL SPACE	DEPTH	DRAWER EXTENSION	USED IN SERIES
PD10-16	10½"	16½"	12"	100, 200, 500
PD10-16S	10½"	16½"	16"	100, 200, 500
PD10-14	10½"	14½"	10"	100, 200, 300, 400, 500
PD10-14S	10½"	14½"	14"	100, 200, 300, 400, 500

PD series phono drawers are constructed of 16 ga. CRS and designed to mount in standard 19" rack panel space. The chassis is mounted on slides with nylon tired bearing rollers. The chassis is complete with a handsome ¼" thick walnut grain masonite base. Partial and full drawer extension models are available. Consult the current Soundolier price sheet for standard colors.



MODEL	PANEL SPACE	DEPTH	DRAWER EXTENSION	USED IN SERIES
SD7-14	7"	14½"	10"	100, 200, 300, 400, 500
SD7-14S	7"	14½"	14"	100, 200, 300, 400, 500
SD7-16	7"	16½"	12"	100, 200, 500
SD7-16S	7"	16½"	16"	100, 200, 500
SD10-14	10½"	14½"	10"	100, 200, 300, 400, 500
SD10-14S	10½"	14½"	14"	100, 200, 300, 400, 500
SD10-16	10½"	16½"	12"	100, 200, 500
SD10-16S	10½"	16½"	16"	100, 200, 500

SD SERIES STORAGE DRAWERS

SD series storage drawers are ideal for tapes, records, microphones and other accessories. Constructed in 16 ga. CRS and designed for standard 19" rack panel space. Complete with nylon tired roller bearings. available in a choice of panel space sizes, overall depth and either partial or full drawer extension. Consult the current Soundolier price sheet for standard colors.



SHELF ASSEMBLY

Model SH19-7 shelf assembly is constructed of 16 ga. CRS and is easily mounted to the panel mount rails of all standard 19" racks. Requires 7" of panel space. Ideal for mounting equipment that does not have an attached rack mount panel. Available in a choice of standard colors. Consult your Soundolier price sheet. Shelf area dimensions — 17½" x 14" x 7" high.



ROLLER TRUCK

Model CT1020 roller truck is constructed of 16 ga. CRS and is designed for Soundolier's 100, 200, WA100, WA200 and 500 series cabinets. The roller truck is complete with four 3" ball bearing casters. Two casters are the rigid type and two are the swivel type. The swivel casters are also the locking type. The total load capacity is 400 lbs. Consult your current Soundolier price sheet for available standard colors. Dimensions — 24½" x 21".



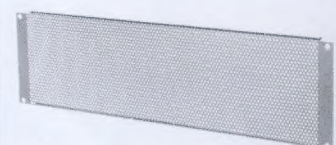
BLANK PANELS AND VENT PANELS

PANEL SPACE	S19 SERIES CRS	A19 SERIES ALUMINUM	SVP19 SERIES VENT
1¾"	S19-1	A19-1	SVP19-1
3½"	S19-3	A19-3	SVP19-3
5¼"	S19-5	A19-5	SVP19-5
7"	S19-7	A19-7	SVP19-7
8¾"	S19-8	A19-8	SVP19-8
10½"	S19-10	A19-10	SVP19-10
12¼"	S19-12	A19-12	SVP19-12
14"	S19-14	A19-14	—
15¾"	S19-15	A19-15	—
17½"	S19-17	A19-17	—
19¼"	S19-19	A19-19	—
21"	S19-21	A19-21	—

S19 SERIES panels are constructed of ¼" CRS. Two sides of the panel are formed for rigidity. The panel mount holes are oblong for adjustment and neater appearance. Consult your Soundolier price sheet for standard colors.

A19 SERIES panels are constructed of ⅛" aluminum. Panel mount holes are oblong for adjustment and neater appearance. Panels are painted on one side. Consult your Soundolier price sheet for standard colors.

SVP19 SERIES vent panels are constructed of 22 ga. perforated CRS. Two sides are formed for rigidity. Panel mount holes are oblong for adjustment and neater appearance. Consult your Soundolier price sheet for standard colors.



5 CHANNEL MONITOR PANELS

MODEL MVX-193 monitor panel is a compact (3½") CRS panel and is designed to be used with any multi-channel commercial or industrial sound system. It will provide aural and visual monitoring instantly with the turn of a switch. A double pole, six position switch with an attractive brushed aluminum inlay knob is wired to supply five different program channels with a sixth "off" position. Each channel conveniently connects to two screw terminals on the rear of the panel to provide balanced switching. All wiring to the external terminals is completed at the factory. Either a 70 volt or 25 volt line may be monitored. The monitor channel switch is conveniently mounted on a black plate with attractive white silk screened nomenclature and then is separately mounted to the panel. Through this arrangement, a free choice of colors to match any system is available. If a color is not specified, Soundolier grey hammertone will be used. See the cabinet section of your Soundolier price sheet for the complete list of colors available.

A 3" speaker with transformer is used for aural monitoring. The speaker is connected through a continuous rotation potentiometer for proper level selection in

monitoring. The control is mounted on the same plate as the channel selector switch. The speaker grille is attractively raised and contributes handsomely to the modern look of the entire unit.

The VU meter has a long life thermoplastic case trimmed in black to blend with the black selector switch, volume control inset. A rear adjustment provides the capability to set the meter at a 0 db level on a 70 volt or 25 volt line. A zero adjust on the face of the meter completes its flexibility. A set of instructions is provided with each unit.

MODEL MX-193 is identical to MVX-193 except the VU meter is not provided. All other specifications are the same.

MODEL MVX-1910 is identical to MVX-193 except the panel is 10½" high instead of 3½" high, and the monitor speaker is an 8" unit rather than a 3" unit. All other specifications are the same.

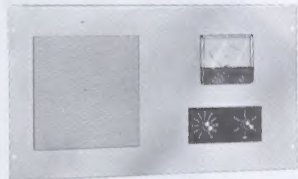
MODEL MX-1910 is identical to MVX-1910 except a VU meter is not provided. All other specifications are the same.



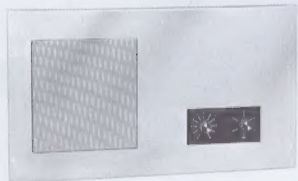
MVX-193



MX-193



MVX-1910



MX-1910

SPECIFICATIONS				
MONITOR PANELS	MVX-193	MX-193	MVX-1910	MX-1910
CHANNELS	5	5	5	5
MONITOR VOLUME CONTROL	YES	YES	YES	YES
LOUDSPEAKER SIZE	3"	3"	8"	8"
VU METER	YES	NO	YES	NO
METER ADJUST	YES	NO	YES	NO
PANEL SIZE	19" x 3½"	19" x 3½"	19" x 10½"	19" x 10½"
PANEL MATERIAL	CRS	CRS	CRS	CRS
TERMINATION	SCREW	SCREW	SCREW	SCREW
FINISH	GREY HAMMERTONE OR ANY STANDARD COLOR IN PRICE LIST			
WEIGHT	3¾ LBS	3½ LBS	6½ LBS	6 LBS

AC POWER PANELS

MODEL ACR-193 master power panel is designed to provide a single switch which controls all AC power in any industrial or commercial sound system. The main switch is a DPST rocker type and is capable of switching both sides of the power line. A red jewel, long life, neon pilot lite indicates visually whether the AC power is on or off. Eight outlets are provided with six controlled by the main switch and the remaining two uncontrolled. Each outlet is grounded (3 contacts). A 15 amp fuse is included. A hole is provided for the connection of ½" conduit to the rear of the panel. All wiring is completed at the factory. Color selections are the same as monitor panels above.

MODEL ACK-193 is identical to the model ACR-193 except for the use of a DPST key switch. This prevents

unauthorized personnel from turning the entire system on or off. Two keys are provided. All other specifications remain the same.



ACR-193



ACK-193

SPECIFICATIONS		
	ACR-193	ACK-193
PANEL RATING	15 AMPS	15 AMPS
SWITCH RATING	15AMPS	15AMPS
OUTLETS SWITCHED	6	6
OUTLETS UNSWITCHED	2	2
PILOT LITE	YES	YES
PANEL SIZE	19" x 3½"	19" x 3½"
WEIGHT	7 LBS	7 LBS
FINISH	SAME AS MONITOR PANELS ABOVE	

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